

## **Historic, Archive Document**

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# MUSSER FORESTS INC

*Indiana, Pennsylvania*

U. S. Department of Agriculture

## 1950 WHOLESALE Planting List

*Evergreen Seedlings and Transplants*

*Ornamental Shade, Fruit Trees*

*Hardwood Seedlings*

*Rhododendron*



*Blueberries, Strawberries*

*Flowering Shrubs and Roses*

*Christmas Tree Growers' Guide*

*Evergreen Hedges and Rose Hedges*



SPECIMEN SCOTCH PINE—Grown from Selected Seed

# 20 MILLION Trees a Year!

# The STORY of MUSSER TREES



This bushel of Scotch Pine Cones, hand-picked from selected parent trees, produces a mere handful of seed. Select quality seed is necessarily expensive.

The story of fine, straight stemmed, strong branched, sturdy-rooted Musser Trees starts with the selection of seed. All seed is not the same. If the parent tree has undesirable qualities the seed will perpetuate these qualities. To be sure of the best obtainable seed, we have sent men all over the United States to search out the hardiest, disease-resistant, best formed and colored parent trees, to propagate our seedlings.

We have imported seed picked from selected stands of timber in Europe, which have been developed through generations to bring out desirable characteristics.

A bushel of carefully selected Scotch Pine cones may produce only a handful of seed, and germination tests necessitate further rejections.

Such selectivity is costly — yes. But it is a "must" to put meaning into the phrase . . .

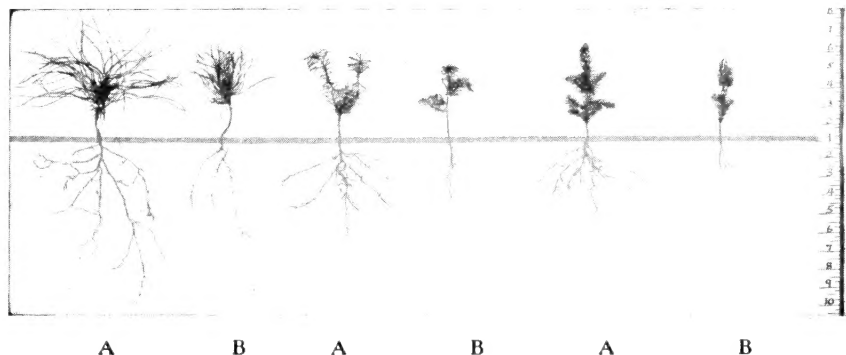
*"Musser Trees Grow"*



Seed trees must be fully mature



Here Fred Musser compares the growth of two seeds from different sources. Both are Norway spruce, two years old.



**THERE'S A DIFFERENCE!**

These 2-year seedlings show superiority of Musser culture. Sturdy, well-rooted "A" trees are Musser stock; "B" trees come from other sources.

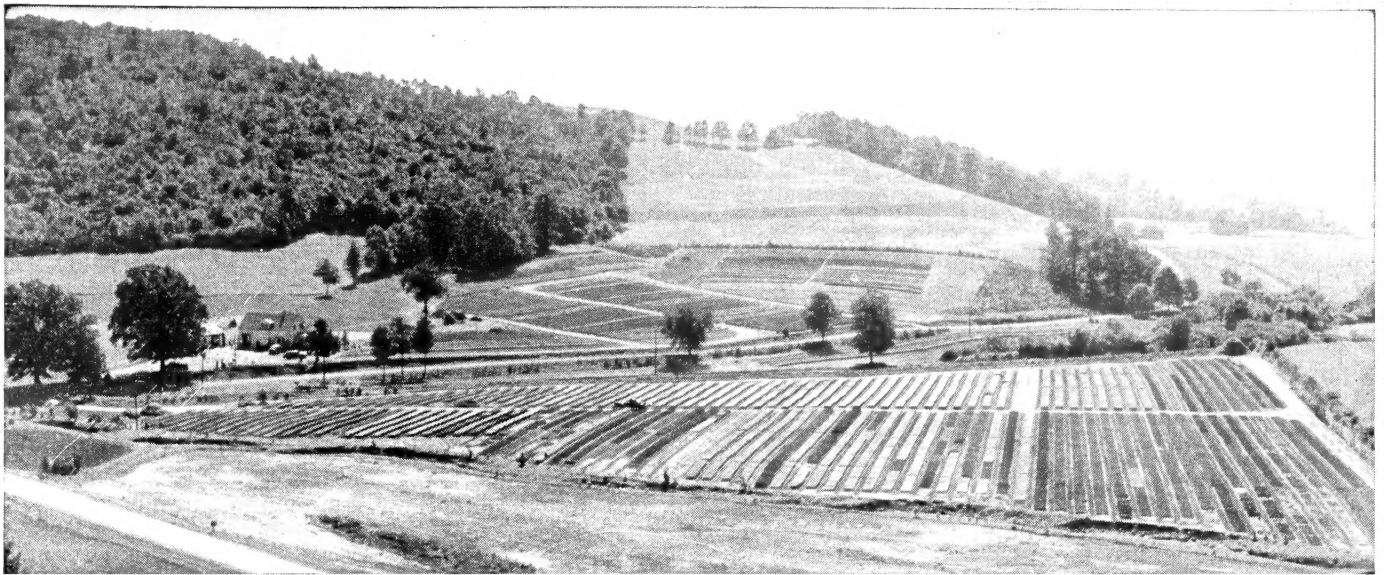


Several million Musser evergreen seedlings and transplants are shown here. Weeding and thinning by hand must be done to insure that maximum food supply goes to each small tree.



These superb 3-yr. White Pine Seedlings are available in quantity this year. An excellent species for Christmas trees, ornamentals, timber.



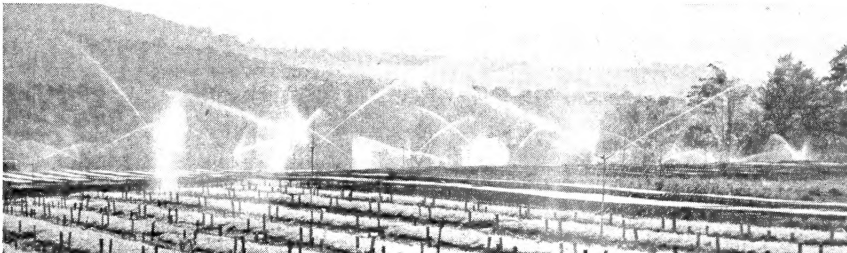


Musser  
Nursery  
Number

**1** The original Musser Nursery, which was used for production of both Seedlings and Transplants. It is now partially devoted to the production of highest grade Semi-finished Ornamental Stock for the wholesale trade. 270 acres in three nurseries are under intensive cultivation. Grow over 20,000,000 trees EACH YEAR!

## Root System is All - Important

A young tree with a strong and extensively branched, but compact, root system is the tree that survives. Good hereditary characteristics through selection of seed gives us part of this result — careful handling and scientific culture in the nursery is the rest. The many thousands of **extra roots** in **Musser Cultured Tree Stock** enable the young tree to extract the most food from the soil of your planting site. **Musser Tree Stock will survive where inferior planting stock will not.**



During dry seasons, we use an extensive overhead sprinkling system, to assure continuous growth. Every Musser tree has reached maximum development for its age. The tree has never been retarded by drought.

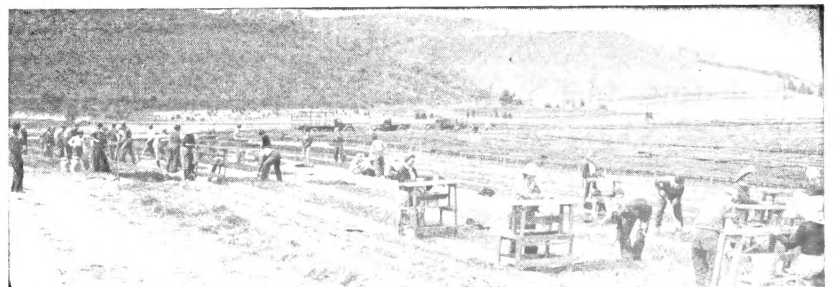


The biggest job in the spring is **TRANS-PLANTING**. Seedlings are fastened to a planting board by small wire rings. A shallow trench is dug to receive the roots. Seedlings, 50 to a row, are inserted. Dirt is tamped around the roots, and the planting board is removed.

Labor is the biggest cost in growing tree stock. After transplanting, the seedlings must be protected against weeds that will smother them.

## Why Do We Transplant ?

Stock is transplanted in our nurseries from one to four or more times. Each time, the longer, more easily damaged roots are reduced so that more small feeder roots develop near the stem. The more feeder roots, the more quickly the tree is established on your land. Also, the resulting compact mass of small feeder roots makes the tree easier to plant.



Each year, in the spring and summer, we transplant hundreds of thousands of seedlings to build more feeder roots, through which the tree is fed. Results prove extra cost is repaid many times over.

# Plan a Profitable Tree Plantation

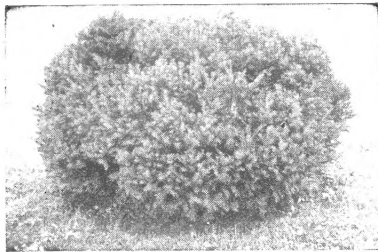
If you own idle land, consider establishing a planned forest plantation. Reap short-term cash profits and at the same time found an estate which will gain value of at least \$10 PER ACRE PER YEAR. After thinning 50% of your plantation for (1) **ORNAMENTAL STOCK** and (2) **CHRISTMAS TREES**, there still remains a fine growing stand of (3) **TIMBER**.

## Ornamentals

### Seedling and Transplant Stock

**1** The market for evergreen ornamentals is steady and prices are always good. Transplant stock from this list can be grown in a few years into highly marketable specimens. Special care or cultivation is not required. Ornamentals are simply included in your plantation and their removal for sale at various ages is a part of the natural thinning process. Most plantations have varied soils suitable for a number of species.

The popular ornamentals listed in this catalogue — Spruce, hemlock, yew, juniper, arborvitae and most pines (with pruning) — will develop into desirable specimens.



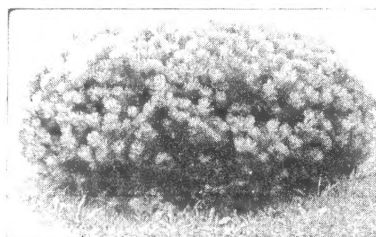
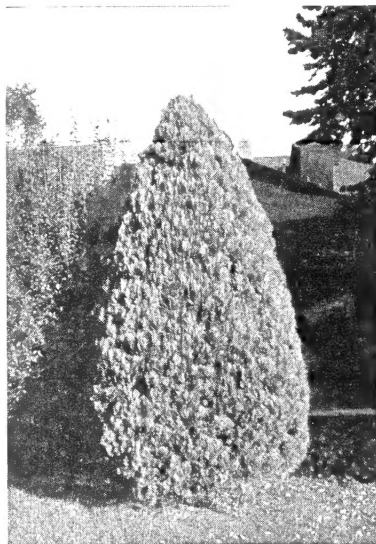
**Japanese Yew**  
SPREADING

The characteristic spreading growth is superb to develop masses of velvety, dark green foliage. Sun or shade, average soil.



**Japanese Yew**  
UPRIGHT

Deep rich green foliage. Sun or shade. Successful where many ornamentals will not grow. Beautiful natural cone shape.



An infinite variety of effects can be achieved by combining species of evergreens.

Each of the two Hemlock hedges, shown in photo above, was planted with transplant stock, in double rows 12 inches apart, the trees being 8 to 10 inches apart in each row. By annual shearing this hedge has been kept to a size of 18 inches for the past nine years, and can be kept the same height for a number of years to come.

Note trees to the right of the doorway. The low plant is a Spreading Japanese Yew. Immediately back of, and to the right, an Upright Yew is shown. The tall tree nearest the doorway is an American Arborvitae.

— Stock List and Prices on Pages 12, 13, 14 —

### Pfitzer Juniper

Dwarf spread-  
ing ornamental. Re-  
quires sun. Widely  
used. Very hardy.  
Withstands adverse  
growing conditions.



### American Arborvitae

← A popular  
choice for home plant-  
ing. May be kept  
pruned to any height,  
so is excellent for  
hedges, mixed plant-  
ings, windbreaks, spec-  
imens.

### Blue Spruce

One of the finest of  
ornamental trees. It is  
sturdy and compact in  
form, ranging in color  
from slightly blue-  
green to marvelous  
blue. It thrives in  
moist rich soil; pre-  
fers sunlight. →



### Mugho Pine

← Dwarf, spread-  
ing, slow growing.  
Hardy. Avoid wet  
soil. Requires sun-  
light. Individual spec-  
imens or low, compact  
hedges.

# Christmas Trees

**2** Planted Christmas trees are a profitable and rapidly growing business. Full details are given on pages 21, 22 and 23. Planted at relatively close intervals, 50% may be removed for sale as Christmas trees or ornamentals, and still leave enough trees to develop a good stand of timber. Pines planted in variety bring the quickest return for both Christmas trees and timber. Spruces are slower growing but are desirable for both purposes.

SEE PAGES 21, 22, AND 23 FOR

*Best Species to Plant and Instructions for starting Plantation*



"Good Timber Is Getting Scarce"

## TIMBER

**3** Land planted to timber will never become impoverished. From an investment standpoint, it will increase in value at least \$10.00 per acre per year. In most states, it is practically tax free. It is excellent insurance for your estate.

In addition to the relatively quick cash return from Christmas tree and/or ornamental stock, consider these long term results of reforestation:

- Checks Water Run-off
- Keeps Up Water Table
- Helps Prevent Dry Wells
- Acts as a Windbreak
- Prevents Sand Shifting
- Reduces Erosion
- Minimizes Floods
- Restores Fertility
- Gives Firewood
- Provides Lumber



"Cover those bare hills—

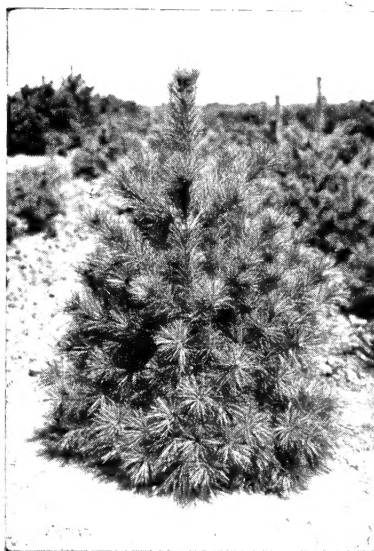
with Musser Trees"



Millions of acres of once valuable land are wasting away. A modest investment to plant such land in trees will bring its value to at least \$300 per acre in 30 years, PLUS a cash return in the meantime from Christmas trees or ornamentals.



A fine 7-year old Red Pine Plantation. Two Christmas Tree harvests have already been marketed. This had been an eroded, agriculturally useless hillside before planting the Pine



**WHITE PINE**

One of the most popular Christmas trees, having all the fine characteristics for this use. Has ornamental value, with soft light - green to bluish - green foliage. Finest Timber.



**AUSTRIAN PINE**

Stands out on account of its heavy, bushy form. An excellent tree for windbreaks, screens, and for single specimens. One of the most beautiful Christmas trees.

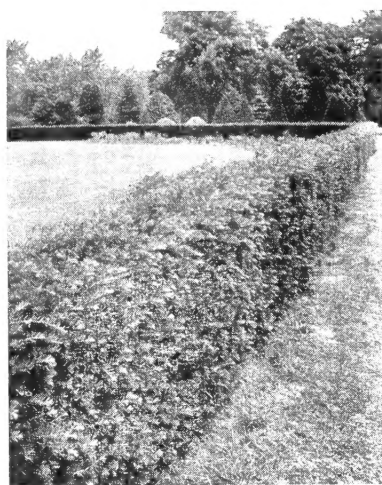
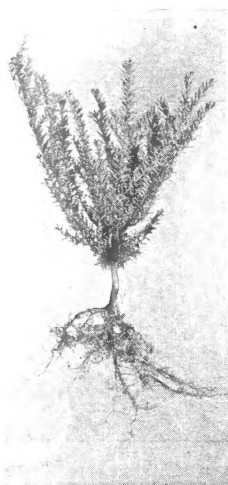
**STOCK LIST and PRICES**  
on pages 12, 13 and 14



Well balanced woodlot producing annual timber crop

# Re-Forest *with* Musser Trees

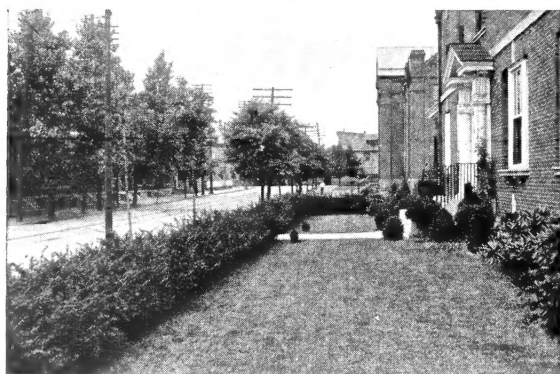




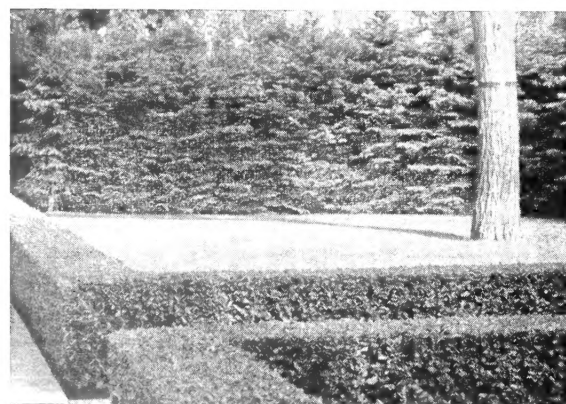
**JAPANESE YEW (Taxus)** Fine, heavy branched, strongly rooted typical transplant is shown at left. At right is shown a Yew Hedge, notable for thick growth and lustrous dark green foliage. Yew can be sheared to any shape or size. The Yew is a beautiful specimen tree.



Musser children standing beside HEMLOCK Hedge



BARBERRY Hedge makes a beautiful "friendly fence"



# Evergreen Hedges

Pines, Spruce, Hemlock and Japanese Yew can be sheared and developed into beautiful, lasting hedges or windbreaks. They can be kept to almost any height for years. Start with small plants and shear the new tender growth each year to desired form and height. Shearing is simple — instructions are sent with your order acknowledgment.

## SPACING FOR HEDGES or WINDBREAKS

LOW Hedge, 8-10 in. apart. Wider hedge, double rows 12" apart.  
MEDIUM Hedge, 3 to 4 ft. high, plant 1 to 2 ft. apart.  
TALL Hedge, plant 3 to 5 ft. apart.

All orders will be shipped Express Charges Collect.

Items marked (\*) can be bought in lots of 10 at the 100 rate.

		Per 100	Per 1000
<b>WHITE PINE</b>	3-yr. Seedlings .....	5-10 in.	7.00 35.00
	*6-Yr. Twice Transplanted .....	12-18 in.	50.00
	*8-yr. Twice Transplanted .....	18-24 in.	75.00
<b>RED PINE</b>	3-yr. Transplants .....	5-9 in.	17.00 85.00
	4-yr. Transplants .....	8-14 in.	30.00 150.00
	*8-yr. Twice Transplanted .....	18-24 in.	75.00
<b>NORWAY SPRUCE</b>	2-yr. Seedlings .....	5-10 in.	6.00 30.00
	6-yr. Twice Transplanted .....	10-15 in.	30.00
	*8-yr. Twice Transplanted .....	18-24 in.	75.00
<b>CANADIAN HEMLOCK</b>	*9-yr. Twice Transplanted .....	24-32 in.	125.00
	2-yr. Seedlings .....	4-8 in.	9.00 45.00
	Excellent stock, size and grade equal to 3 yr. Partly branched.		
<b>JAPANESE YEW</b>	5-yr. Transplants .....	6-12 in.	25.00
	*7-yr. Twice Transplanted .....	10-16 in.	40.00
	2-yr. bedded transplants, excellent stock, well rooted		
<b>JAPANESE YEW Transplants</b>	*Taxus Cuspidata, low, flat .....	6-8 in.	40.00 225.00
	*Taxus Hicksi, columnar .....	7-10 in.	40.00 225.00
	*Taxus Hatfield, upright, conical .....	4-7 in.	40.00 225.00
<b>JAPANESE YEW 2 and 3 Times Transpl.</b>	*Taxus Hatfield, upright, conical .....	6-9 in.	60.00
	*Taxus Hatfield, upright, conical .....	6-12 in.	75.00
	*Taxus Cuspidata, low, flat .....	6-9 in.	60.00
	*Taxus Cuspidata, low, flat .....	10-14 in.	75.00
	*Taxus Hicksi, columnar .....	6-12 in.	60.00
<b>MUGHO PINE</b>	*Taxus Hicksi, columnar .....	8-14 in.	75.00
	3-yr. Seedlings .....	3-7 in.	8.00 40.00
<b>GREEN BARBERRY</b>	4-yr. Seedlings .....	7-14 in.	10.00 50.00
	3-yr. Seedlings .....	4-8 in.	5.00 25.00
<b>RED BARBERRY</b>	3-yr. Seedlings .....	8-16 in.	6.00 30.00
	2-yr. Seedlings .....	8-16 in.	10.00 60.00
<b>RED BARBERRY</b>	3-yr. Seedling (HEAVY) .....	8-16 in.	15.00 75.00

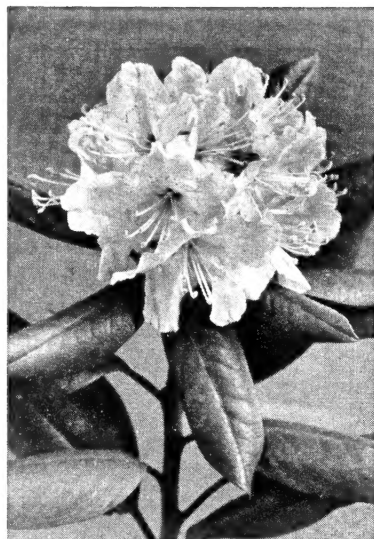
FOR A HARDY HEDGE —



## PRIVET (Amur River)

Hardest and best for northeastern conditions. Will grow to 10 feet in height, but may be pruned to any height and sheared to desired form. Branches are upright, foliage oval or oblong; can be made very dense by pruning. Resembles California Privet in growth. Very hardy and almost an evergreen, holding its green leaves almost all winter. Plant 1 foot apart. Lots of 50 at the 100 rate.

	Per 100	Per 1000
6-12 in., 2 or more branches .....	10.00	50.00
12-18 in., 2 or more branches, EXTRA HEAVY plants .....	18.00	90.00



# Rhododendron

Individual Flower



Young Plant

Full Grown Plant



Our Rhododendrons quickly grow into fine bushy specimens of great value. A highly decorative, popular shrub.

## RHODODENDRON MAXIMUM

Hardy for full shade or partial shade. Large leaf, best foliage of any of the Rhododendrons. Bears large clusters of gorgeous flowers, shaded from white to shell pink, during late June and early July. Lots of 10 at 100 rate. Shipped express charges collect.

SELECT collected plants, single stem to lightly branched	Per 100
8 to 10 inch .....	\$30.00
10 to 12 inch .....	35.00
SELECT, STRONG, CLUMPY plants, 3 to 5 branches	
10 to 15 inches .....	100.00

## RHODODENDRON CATAWBIENSE

Differs from Maximum as follows: Lower growing, smaller leaves, deep shades of pink and rose. Sun or partial shade. May be ordered in lots of 10 at 100 rate — Shipped Express Charges Collect.

SELECT collected plants, single stem to lightly branched	Per 100
4 to 8 inch .....	50.00
8 to 10 inch .....	60.00
SELECT, STRONG, CLUMPY plants, 3 to 5 branches	
10 to 12 inch .....	125.00

## MOUNTAIN LAUREL

KALMIA (hardy). Slow growing, small leaved evergreen. Abundance of pink flowers, late May and early June. Sun or shade. Lots of 10 at 100 rate. Shipped express charges collect.

SELECT collected plants, 2 to 4 branches	Per 100
8 to 10 inches .....	35.00
SELECT, STRONG CLUMPY plants, 3 to 5 branches	
10 to 15 inches .....	100.00

## NURSERY GROWN, IMPORTED, SELECT

### Hybrid Grafted Rhododendron

Sturdy TWICE-TRANSPLANTED stock, the finest we have seen. All plants are well branched. Very scarce item. TRUE COLORS as follows: DEEP RED, PINK, MAUVE, WHITE. Shade first year, then sun or shade.

12 to 15 inch  
well branched  
Grafted Transplants

**\$3.00**  
each

Express charges collect

\$250.00 per 100

Lots of 10 at the  
100 Rate

Express chgs. collect



Thousands of three-year-old GRAFTED RHODODENDRON are available for shipment this spring. TRUE COLORS ranging from DEEP RED to PURE WHITE shades.

## RHODODENDRON CATAWBIENSE GRANDIFLORUM

EXTRA HEAVY BRANCHED, 3-year field transplanted. Imported. Color, ORCHID.

Nursery grown. Highly recommended. 12-15" Each

**\$2.20**

Per 100  
\$200.00  
May be ordered  
in lots of 10.



Rose Hedge

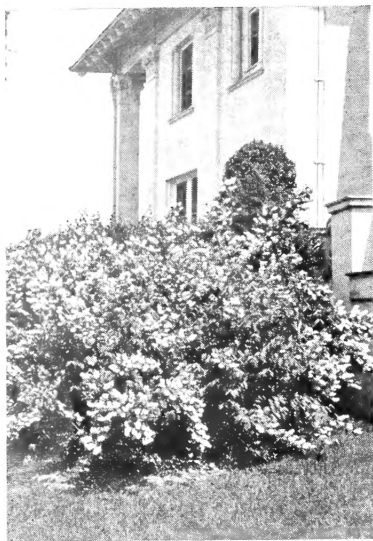
## ROSE HEDGE

(Rosa Multiflora) Thorny Type

[ A Winter Paradise  
for Wild Bird Life ]

A LIVING FENCE. A tall growing, very thorny shrub, like the wild rose. Very hardy even in poor soil. Grows 2 to 3 feet in a single season to an ultimate height of 6 to 8 feet. Ideal for use as living fence for farm use — keeps in cattle, horses, sheep and goats. Makes fast growing ground cover. Pinkish white blossoms literally cover plant in June. These are followed by profusion of large red berries which attract game birds such as grouse, pheasant, and partridge, as well as smaller birds. During winter its arching branches hold the snow and ice to provide protection which often means the difference between life and death to wild birds.

Subject to prior sale, for immediate acceptance we can offer ROSA MULTIFLORA JAPONICA, thorny type, BEST QUALITY 1-YEAR HEAVY, 8-15 inches (tops sheared, anything under 2MM graded out) at \$8.00 per hundred or \$40.00 per thousand, F.O.B., Indiana, Pa., packing free. It is our policy to request a 50% deposit to hold stock order. This material is very scarce throughout the country and we expect to be sold out of our limited supply very shortly.



**DEUTZIA (Pride of Rochester)**  
(White Flower)



**FLOWERING QUINCE**  
(Red Flower)



**SPIREA (Vanhouttei)**  
(White Flower)

**ALL THESE SHRUBS  
ARE HARDY, AND  
WELL BRANCHED**

**Shipped Postpaid**

**WEIGELA (Rosea)**  
(Pink Flower)



**FORSYTHIA (Golden Bell)**  
(Yellow Flower)

# *Flowering* Shrubs

*Beautify with Living Color*

## **MOCK ORANGE**

(Philadelphus Virginalis) The reliable, old sweet scented Mock Orange, known and loved by all. Will tolerate smoke and other hard city conditions. Maturity height, 5 to 6 feet.

## **SPIREA**

(Vanhouttei) Probably best known of all the shrubs. Will tolerate shade and adverse city conditions. Grows in any soil. Completely covered with white flowers in June. 4 to 6 feet.

## **WEIGELA**

(Rosea) Tall and vigorous, with deep pink blooms all summer. Reaches maturity height of 5 to 6 feet. Popular specimen shrub.

## **FORSYTHIA**

(Golden Bell) Long slender branches, entirely covered with dainty yellow blossoms, are the first sign of spring. 7 feet.

## **RED FLOWERING QUINCE**

This is the old-fashioned Fire Bush. A gorgeous sight with its scarlet blossoms in April and May. Maturity height, 4 to 5 feet.

## **DEUTZIA**

(Pride of Rochester) A perfect mass of lovely double white flowers tinged with pink in June. Grows in sun or partial shade. Maturity height, 5 to 6 feet.



**SWEET MOCK ORANGE**  
(Waxy White Flower)



(Special No. 6)

**1 Each**

**BEAUTIFUL SHRUBS  
AS SHOWN ABOVE**

**6 Shrubs**

**2-YEAR, NO. 1  
BLOOMING SIZE  
1½ TO 2 FEET TALL**

**\$5.50**  
Postpaid

**OR: 3 EACH, ANY TWO VARIETIES, ALL 6 FOR \$5.50 POSTPAID**



# Flowering Trees



Flowering Dogwood



Weeping Flowering Cherry



Red Flowering Crab



Tree Wisteria



Tree Hydrangea



Magnolia (Saucer Magnolia)



No C.O.D.s. All stock on this page must be paid for in full with order.  
Shipped Express Charges Collect.

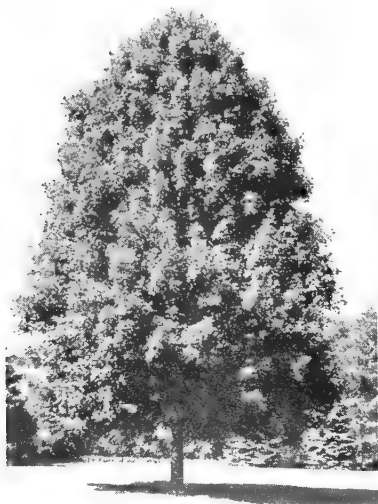
- RED FLOWERING DOGWOOD** ..... 2-3 ft. **3.75**  
Outstanding among ornamental trees. A profusion of showy rose colored petals in spring is followed by deep red foliage in fall. Grows 15 to 20 ft. tall.
- WHITE FLOWERING DOGWOOD** ..... 2-3 ft. **3.00**  
One of the most beautiful of all spring flowering trees. Lovely four-petaled white blossoms are borne on spreading branches early in spring. Leaves turn brilliant red in fall. Valuable when used in lawn border or as specimen plants. Unsurpassed when used in naturalizing effect. Grows 15 to 20 ft. tall.
- WEeping FLOWERING CHERRY (Kwanzan)** ..... 3-4 ft. **3.25**  
A low growing (6 ft.) weeping tree. It makes a striking appearance on the lawn because of its unique form, and is specially attractive when covered with showy clusters of dainty, rose-pink flowers before the leaves appear in spring.
- ROSE TREE OF CHINA (Prunus Triloba)** ..... 3-4 ft. **2.00**  
The bright pink flowers stud every twig and branchlet in the spring before the leaves come out. The most popular of the early blooming shrubs. It will ultimately reach a height of 10 feet. Blooms in May.
- JUDAS TREE OR REDBUD** ..... 3-4 ft. **2.00**  
Fable tells us that when Judas betrayed Christ this tree immediately dripped all over with drops of blood, and that is the way it looks today when its blossoms first come out. Later they turn into beautiful rosy purple flowers. Blossoms in April, before the leaves appear. 15 to 20 feet maturity height.
- PURPLE FRINGE (Smoke Tree)** ..... 1-1½ ft. **2.00**  
A tree much admired for its curious fringe or hair-like flowers that cover the surface of the plant in midsummer. It creates an effect of mystic clouds entirely covering the plant. Handsome foliage adds its share of beauty to the plant. Likes plenty of sunshine and light, well drained soil. Grows to a height of 10 to 12 feet, and its spreading habit requires considerable space.
- RED FLOWERING CRAB (Malus Floribunda)** ..... 4-5 ft. **2.25**  
This small tree is round topped with single carmine buds that change to pink and then white. Very heavy blossomer with small fruit of blood red. Will stand severe winters and drought. Grows 15 to 20 feet.
- BECHTEL'S CRAB** ..... 3-4 ft. **2.75**  
This choice variety of Crab has endeared itself to many growers because of its spectacular flood of large, double-rose-like flowers in spring which completely hide the branches. Blooms every year. In general it resembles an Apple tree but is much smaller and finer branched. It grows in many locations and benefits from the same care given Apple trees.
- TREE WISTERIA** ..... 3-4 ft. **5.75**  
No more lovely sight can be imagined than a Tree Wisteria in bloom. The purplish blue flowers completely cover the tree during May, transforming it into a sheer beauty. In formal gardens they are indispensable. On the lawn they develop into beautiful specimens and live for generations, increasing in beauty and dignity each successive season. GRAFTED, SURE-TO-BLOOM. BALLED IN PEAT.

- TREE HYDRANGEA** ..... 2-3 ft. **2.25**  
Large, pyramidal tresses of pure snow-white blossoms appear in early August. As fall approaches, they change to a luminous pink. At this stage they may be cut for all winter, dry bouquets. Blossoms measure one foot long and 6 to 8 inches wide. A low growing tree, standing not more than 4 to 6 ft. in height.
- MAGNOLIA (Saucer Magnolia)** ... 2-3 ft. **4.50**  
One of the most hardy of the Magnolias. Large, fragrant rose-colored flowers cover the tree in early spring. Blossoms when very small. Select sheltered location so flower buds will not be injured by late frosts. Grows 10 to 15 feet tall. Blooming size.

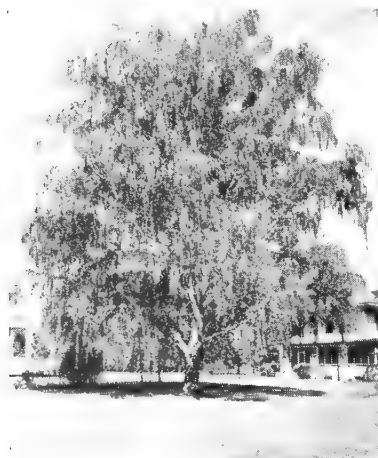


*Favorite* ( SPECIAL NO. 7 )  
**SHADE TREES**  
 ONE EACH  
**ALL 3 TREES**  
 PICTURED BELOW  
 FOR ONLY **\$10.50**

Shipped Express Charges Collect  
 ONLY PREMIUM STOCK



Norway Maple, 6-8 ft.



Cut-Leaf Weeping Birch, 5-6 ft.

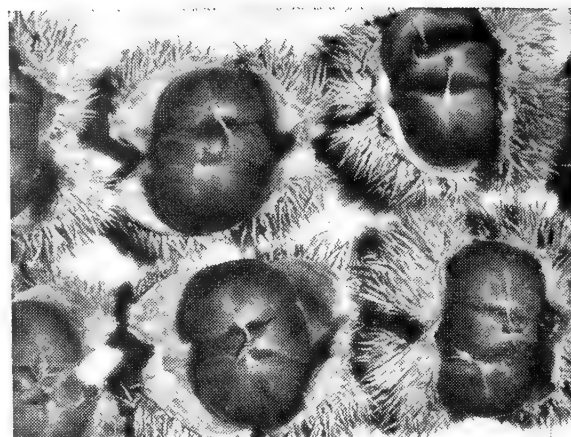


Weeping Willow, 6-8 ft.

*Musser*  
**Shade and Nut Trees**

**Finest Quality Trees**  
**Best Sizes for Successful Transplanting.**

No C.O.D.'s. All stock on this page must be paid in full with order. Shipped Express Charges Collect.



New Blight Resistant Chinese Chestnut Bears Generously

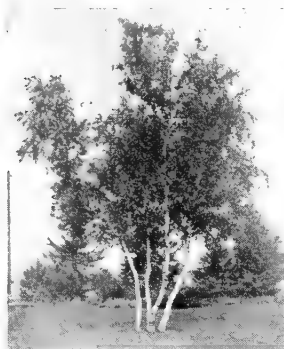
	Actual Size	Each	Per 3	Per 10
<b>WEeping WILLOW</b> (Wisconsin) .....	6-8 ft.	\$3.00	\$ 8.50	\$25.00
Very rapid growing tree with graceful drooping branches. Will succeed in any location, but prefers moist soil. Especially effective near pools or river banks, along drives or as specimen plants. Frequent cutting back gives a thicker growth of bright green twigs. Grows 25 to 30 feet tall.				
<b>NORWAY MAPLE</b> .....	6-8 ft.	4.00	11.50	35.00
One of the best trees for street planting or for lawn specimens where good form and shade are needed. Its dense leaves are rich green in color and are held on tree about two weeks longer than those of other maples. Grows 50 to 60 feet tall.				
<b>SILVER MAPLE</b> .....	6-8 ft.	3.00	8.50	25.00
Grows 60-80 feet. Fastest growing Maple. Beautifully colored in fall. Provides shade quickly.				
<b>RED LEAF DWARF MAPLE</b> .....	1-1½ ft.	3.75	10.75	35.00
Grows 8 to 10 feet. Leaves startling crimson all summer. Best color in sun but will tolerate some shade.				
<b>RED LEAF SCHWEDLER MAPLE</b> .....	6-8 ft.	5.50	15.75	47.50
In the spring foliage is reddish-purple; mid-summer, bronzy-green; in fall, golden-yellow. Grows 40 to 50 feet.				
<b>CUT-LEAF WEeping BIRCH</b> (Silver Birch) .....	5-6 ft.	4.50	12.75	40.00
Graceful white-barked tree with delicate drooping branches. One of the few shade trees under which grass will grow. The white bark, which develops a year or two after planting is beautiful in all seasons. Grows 20 to 30 feet tall.				
<b>WHITE BIRCH</b> (Clump Birch) (Branched) .....	3-4 ft.	3.00	8.50	25.00
One of the most beautiful novelties in shade trees. When mature, the bark of the trees is white and the leaves are of a fine green. This rare picturesque clump combination will win the admiration of your friends and neighbors.				
<b>CHINESE ELM</b> .....	6-8 ft.	3.50	9.50	28.00
For quick shade. A very rapid grower with small, dense foliage. Excellent for tall hedge and windbreak. Stands intense cold and extreme heat remarkably well. It makes excellent shade in five (5) short years. Maturity height 30 to 40 feet.				
<b>LOMBARDY POPLAR</b> .....	5-6 ft.	1.50	4.00	12.00
Tall columnar tree, ideal for use as screen or windbreak. Thrives in wide range of soil and climatic conditions. Grows unusually fast, and requires no pruning. Grows 60 to 80 feet tall.				
<b>MOUNTAIN ASH</b> .....	4-6 ft.	4.50	12.75	40.00
One of the most ornamental of all trees. Bears large clusters of bright orange-red berries from mid-summer until late fall. Grows 20 to 30 feet tall.				
<b>PIN OAK</b> .....	6-8 ft.	5.00	14.25	42.50
Most wanted shade tree for street and lawn planting. Fastest growing of the Oaks. Pyramidal form makes pruning unnecessary, and permits grass to grow under branches. Adapts itself to all locations. Not often affected by insect pests or diseases. Grows 30 to 40 feet tall.				
<b>NEW CHINESE CHESTNUT</b> (Blight resistant) .....	3-4 ft.	3.50	9.50	28.00
Will bear large, sweet, delicious nuts two years after planting. Very fast growing. Valuable for ornamental effect and shade as well as for its fruit. Plant two or more for pollination. Grows 30 to 40 feet tall.				
<b>BLACK WALNUT</b> .....	4-5 ft.	2.50	7.00	22.50
Rich, flavorful kernels. Does well in fertile, well drained soil. Very hardy. Grows almost anywhere in the country. Produces annually large crops of nuts with rich, oily kernels of fine flavor. Fine for desserts, nut bread and confections. Tree grows 40 to 60 feet high; is a fast grower and long lived.				
<b>MAIDEN HAIR TREE</b> (Ginkgo) .....	5-6 ft.	5.50	15.75	47.50
Called Maidenhair-tree because its attractive foliage resembles maidenhair fern in form. Specimen or street tree.				

# SHADE *and* HARDWOOD SEEDLINGS



**SHIPPED PARCEL POST or EXPRESS CHARGES COLLECT**  
No orders for less than 100 except where specified.

Stock on this page must be paid  
in full before order is shipped.



Clump Birch

**WHITE BIRCH** ..... Per 100 Per 1000  
(Clump Birch)  
(Betula Paperifera)  
Seedling stock of  
variety described on  
preceding page.  
16-24 in. .... 8.00 40.00

**AMERICAN REDBUD**  
or Judas Tree  
(Cercis Canadensis)  
6-12 in. .... 8.00 40.00  
Seedling stock, variety  
described, Page 9

**WHITE FLOWERING DOGWOOD** 6-12 in. 12.00 60.00  
Seedling stock of variety described on Page 9.

**RED FLOWERING DOGWOOD** ..... 18-24 in. 250.00  
Seedling stock of variety described on Page 9.  
MAY BE ORDERED IN LOTS OF 10.

**WEeping WILLOW (Golden)** ..... 6-12 in. 6.00 30.00  
Distinguished from Wisconsin variety by bright golden  
bark. Grows 50 to 60 feet.

**NORWAY MAPLE** ..... 6-12 in. 30.00 150.00  
Seedling stock of variety described on preceding page.  
MAY BE ORDERED IN LOTS OF 50.

**SUGAR MAPLE** ..... 6-12 in. 9.00 45.00  
Hard maple. Mature trees provide maple sugar products  
from sap in spring. Brilliant scarlet autumn foliage.  
Fast growing.

**HONEY LOCUST** 6-12 in. 4.00 20.00  
Tall deciduous, thorny tree for shade or lawn specimen.  
Small fragrant greenish flowers in early summer  
are followed by large, glossy, brown ornamental pods  
in the fall. Attracts bees.

**BLACK LOCUST** 6-12 in. 2.40 12.00  
Thrives in any soil. Fragrant clusters of white pea-  
like blossoms cover the tree in spring, followed by  
small brown seed pods in fall. Attracts bees.

**MAIDEN HAIR (Ginkgo)** ..... 9-12 in. 24.00  
Seedling stock of variety described on preceding page.  
MAY BE ORDERED IN LOTS OF 50.



Black Locust

**CHINESE ELM** ..... 6-12 in. 3.20 16.00  
Seedling stock of variety described on preceding page.

**AMERICAN ELM** ..... 6-12 in. 2.40 12.00  
One of the best loved of our native American trees.  
Straight trunk branching into graceful vase-shaped  
head. Unsurpassed as shade tree for lawn or street  
use. Disease resistant. Beautiful dark red, autumn coloring.

**WHITE OAK** ..... 6-12 in. 12.00 60.00  
Monarch of deciduous trees. Splendidly adapted for  
lawn or street use, where rapid growth is not required.  
Disease resistant. Beautiful dark red, autumn coloring.

**PIN OAK** ..... 6-12 in. 20.00 100.00  
Seedling stock of variety described on preceding page.

**SOUTHERN RED OAK**  
(Quercus Rubra) ..... 6-12 in. 9.00 45.00  
Handsome round-topped tree with strong spreading  
branches. Dark red foliage in fall.

**LOMBARDY POPLAR** ..... 6-12 in. 4.80 24.00  
Seedling stock of variety described on preceding page.

**BASSWOOD (American Linden)** 12-24 in. 10.00 50.00  
Hardy, excellent shade tree. Large round leaves.  
Attracts bees.

**TULIP POPLAR** ..... 6-12 in. 4.00 20.00  
(Liriodendron Tulipifera)  
Sometimes known as Whitewood. One of the largest  
and most valuable deciduous trees for timber and  
ornamental purposes. Handsome, glossy, fiddle shaped  
leaves. Large greenish-yellow and orange flowers de-  
velop into dry cone-like fruits from which winged  
seeds are released in fall.

**CHINESE CHESTNUT** ..... 6-12 in. 38.00 190.00  
Seedling stock of variety described on preceding page.  
MAY BE ORDERED IN LOTS OF 50.

**BLACK WALNUT** ..... 6-12 in. 8.00 40.00  
Seedling stock of variety described on preceding page.

**WHITE ASH** ..... Per 100 Per 1000  
**GREEN ASH** ..... 6-12 in. 3.20 16.00  
Easy to grow. Tall oval shape permits lawn grass to  
grow beneath its branches. Brilliant yellow autumn  
foliage.

**SHELLBARK HICKORY**  
6-12 in. .... 20.00 100.00  
Distinctly American tree of walnut family. Derives  
name from long, flat, loose plates of rough bark ap-  
pearing on mature trees. Produces white, sweet ker-  
neled nuts. Attracts game. Valuable timber tree.



Pin Oak



Shellbark Hickory



Tulip Poplar

## NORTHERN Red Oak

**Hardy  
Fast Growing**

Hardy - Grown from  
native Penna. seed.  
Rapid growing. Forms  
large round head.  
Grows 70 to 90 feet.  
Dark red fall foliage.

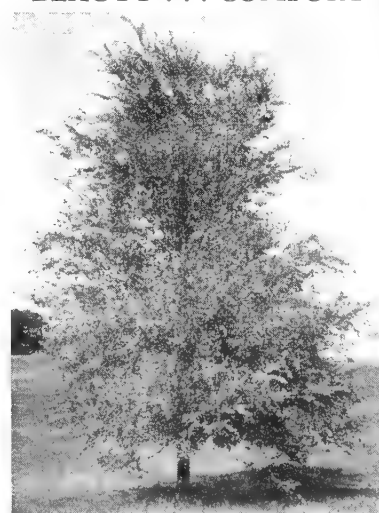
6-10 inches.

Per 100 Per 1000  
**\$10.00 \$50.00**

*Ask*

for Any Items  
or Sizes  
Not Listed

## BEAUTY ... COMFORT



Chinese Elm



Lombardy Poplar



SCOTCH PINE		Fast growing, very popular Christmas Tree planting stock		Per 100	Per 1000
2-yr. Seedlings	(2-0)	2-4"		3.20	16.00
2-yr. Seedlings	(2-0)	4-8"		5.00	25.00
SPECIAL SCOTCH PINE		Grown from certified seed. Special strain. Fine stock, well graded. Seed obtained from the hardest, straight stemmed, good color trees from the finest forests in Europe. (Illustrated front cover and Page 21)			
2-yr. Seedlings	(2-0)	4-6"		7.00	35.00
Best grade — recommended					
3-yr. Seedlings	(3-0)	6-10"		10.00	
3-yr. Seedlings	(3-0)	5-7"		12.00	60.00
Sheared, bushy					
3-yr. Transplants	(2-1)	3-6"		14.00	70.00
4-yr. Transplants	(2-2)	5-9"		20.00	
Sheared, heavy stems, well branched					
AUSTRIAN PINE		Beautiful compact Ornamental and Christmas tree. (Illustrated Pages 5-21)			
2-yr. Seedlings	(2-0)	3-5"		5.00	25.00
4-yr. Transplants	(3-1)	8-10"		35.00	
Heavy, bushy 10 at 100 rate — Express Charges Collect					
WHITE PINE		One of the best timber species — also Christmas tree. (Pages 5-21)			
2-yr Seedlings	(2-0)	2-4"		5.00	25.00
3-yr. Seedlings	(3-0)	5-9"		7.00	35.00
Very superior stock. Note size					
3-yr. Transplants	(2-1)	2-4"		9.00	45.00
*5-yr. Transplants	(3-2)	6-10"		20.00	
*6-yr. Twice Trans.		12-18"		50.00	
10 at 100 rate — Express Charges Collect					
*9-yr. Twice Trans.		18-24"		75.00	
10 at 100 rate — Express Charges Collect					
*9-yr. Twice Trans.		24-32"		125.00	
10 at 100 rate — Express Charges Collect					
AMERICAN RED PINE		Excellent Timber & Christmas tree. Seed from finest American virgin forests. (Page 22)			
2-yr. Seedlings	(2-0)	2-4"		8.00	40.00
Select, well graded					
3-yr. Seedlings	(3-0)	6-10"		12.00	60.00
Very superior stock. Note large size					
3-yr. Transplants	(2-1)	4-7"		14.00	70.00
Well graded					
4-yr. Transplants	(2-2)	8-14"		30.00	150.00
Excellent, heavy stock					
*7-yr. Twice Trans.		14-18"		50.00	
10 at 100 rate — Express Charges Collect					
*8-yr. Twice Trans.		18-24"		75.00	
10 at 100 rate — Express Charges Collect					
*8-yr. Twice Trans.		24-32"		125.00	
10 at 100 rate — Express Charges Collect					
MUGHO PINE		Dwarf, spreading, slow growing Ornamental. (Page 4)			
2-yr. Seedlings	(2-0)	1-2"		4.00	20.00
True dwarf					
3-yr. Seedlings	(3-0)	3-7"		8.00	40.00
True dwarf					
4-yr. Seedlings	(4-0)	7-14"		10.00	50.00
JAPANESE BLACK PINE (Thunbergi)		Light green needles — 4½ inches long — hardy, valuable for use in exposed conditions along seashore			
3-yr. Seedlings	(3-0)	6-15"		9.00	45.00
PONDEROSA PINE		Hardy, fast growing western yellow pine for timber			
2-yr. Seedlings	(2-0)	3-5"		5.00	25.00

Shipping Starts Mar. 15 - Apr.15

Orders will be filled as rapidly as possible from then on. All stock shipped in a dormant condition and may be safely transplanted in any part of the country, regardless of your season.

# Musser's Spring 1950 Wholesale Planting List

## Musser Forests, Inc., Indiana, Pennsylvania

— Phone 422 —

**TERMS :**

No order can be accepted for less than units of fifty (50) of one variety and size except on items marked with an asterisk (\*). Fifty of one kind and size at 100 rate, 500 at 1000 rate, shipped f.o.b. Indiana, Pa. by express collect (unless otherwise noted). Our liability ceases when trees are delivered to carrier.

Orders may be booked with one-half cash with order, balance C.O.D. Fifty (50) cents packing on less than 1000.

All prices are NET, no discounts for cash or quantity.

Prices subject to change without notice.

**Special Scotch Pine**

<b>Musser Special</b> Scotch Pine, 2-yr. Seedlings, 4"-6" (Bundles of 50 illustrated)	<b>Average</b> 2-yr. Scotch Pine Seedlings
--	---

**Norway Spruce**  
2-yr., 5"-10", Superior Stock

**20 MILLION TREES A YEAR!**

**NORWAY SPRUCE** Grown from seed of best strains. One of the finest for Christmas tree and Timber. Can be sheared for Ornamentals. (Page 22)

	Per 100	Per 1000
2-yr. Seedlings (2-0) 1-2"	4.00	20.00
Transplanting size		
2-yr. Seedlings (2-0) 4-8"	5.00	25.00
2-yr. Seedlings (2-0) 5-10"	6.00	30.00
Fast growing, excellent stock		
3-yr. Seedlings (3-0) 2-5"	7.00	35.00
Slow growing, heavy stem, compact		
3-yr. Seedlings (3-0) 4-10"	12.00	60.00
Fast growing		
*6-yr. Twice Trans. (2-2-2) 10-15"	30.00	
Heavy pencil thickness and better branched		
*7-yr. Twice Trans. 10-14"	50.00	
Sheared, bushy, well branched 10 at 100 rate — Express Charges Collect		
*8-yr. Twice Trans. 18-24"	75.00	
10 at 100 rate — Express Charges Collect		
*9-yr. Twice Trans. 24-32"	125.00	
10 at 100 rate — Express Charges Collect		
BLACK HILLS SPRUCE		
Most compact Spruce. (Illustrated Page 22)		
3-yr. Seedlings (3-0) 2-5"	6.00	30.00
4-yr. Transplants (3-1) 4-8"	11.00	55.00
4-yr. Transplants (3-1) 3-6"	13.00	65.00
Very bushy, heavy stem		
COLORADO BLUE SPRUCE		
Excellent stock — finest in the country. Unusually good color. Seed hand picked from Blue trees only. (Illustrated Page 4)		
2-yr. Seedlings (2-0) 2-4"	4.00	20.00
2-yr. Seedlings (2-0) 2-5"	5.00	25.00
3-yr. Seedlings (3-0) 3-6"	7.00	35.00
Superior stock		
4-yr. Transplants (3-1) 2-6"	12.00	60.00
4-yr. Transplants (3-1) 5-9"	25.00	
Select, superior		
*6-yr. Twice Trans. (2-2-2) 8-10"	50.00	
Select, bushy 10 at 100 rate — Express Charges Collect		
*9-yr. Twice Trans. 12-16"	100.00	
Sheared, bushy, well branched 10 at 100 rate — Express Charges Collect		
WHITE SPRUCE		
Very similar to Norway		
3-yr. Seedlings (3-0) 3-6"	5.00	25.00
*8-yr. Twice Trans. 14-18"	50.00	
*8-yr. Twice Trans. 18-24"	75.00	
10 at 100 rate — Express Charges Collect		
*9-yr. Twice Trans. 24-32"	125.00	
10 at 100 rate — Express Charges Collect		

**Canadian Hemlock**  
2-yr., 4"-8", Excellent Stock, Branched

**Special Scotch Pine**

**Musser Special**  
Scotch Pine, 2-yr. Seedlings, 4"-6" (Bundles of 50 illustrated)

**Average**  
2-yr. Scotch Pine Seedlings

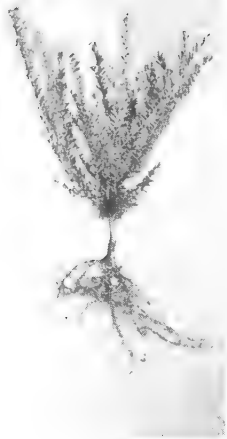
Member of American Association of Nurserymen, Pennsylvania Nurserymen's Association, National Mail Order Nurserymen's Association

Copyright 1950

CANADIAN HEMLOCK		Lacy, graceful growing habit. Can be sheared to any size. Hedges, Specimen Ornamentals. Full shade or full sunlight		Per 100	Per 1000
2-yr. Seedlings	(2-0)	4-8"		9.00	45.00
Excellent stock, size and grade equal to 3-yr. stock. Partly branched					
4-yr. Transplants	(3-1)	3-6"		12.00	60.00
4-yr. Transplants	(3-1)	3-6"		20.00	
Select stock					
*5-yr. Transplants	(3-2)	6-12"		40.00	
10 at 100 rate — Express Charges Collect					
CONCOLOR FIR		Soft, short, popular Ornamental			
2-yr. Seedlings	(2-0)	3-7"		15.00	75.00
Excellent stock					
DOUGLAS FIR		Rocky Mountain type — superior Ornamental and Christmas tree. (Illustrated Page 23)			
2-yr. Seedlings	(2-0)	3-5"		9.00	45.00
3-yr. Seedlings	(3-0)	6-10"		11.00	55.00
Heavy stem, partly branched					
5-yr. Transplants	(3-2)	5-8"		16.00	80.00
Thick stems, bushy, superior					
BALSAM FIR		Christmas tree and Ornamental — excellent stock. Similar to Douglas Fir			
2-yr. Seedlings	(2-0)	1-2"		4.00	20.00
Transplanting size					
2-yr. Seedlings	(2-0)	2-3"		7.00	35.00
Transplanting size					
5-yr. Transplants	(3-2)	5-10"		15.00	
Select, bushy, heavy stems					
AMERICAN ARBORVITAE		Popular for Hedges and Ornamentals (Illustrated Page 4)			
2-yr. Seedlings	(2-0)	3-6"		6.00	30.00
4-yr. Transplants	(3-1)	5-10"		12.00	60.00
*5-yr. Transplants	(3-2)	8-12"		20.00	
10 at 100 rate — Express Charges Collect					
PYRAMIDAL ARBORVITAE		True pyramidal strain grown from cuttings. Dark green type. Requires sun.			
*Cuttings (Mass of Roots)		5-6"		30.00	
10 at 100 rate — Express Charges Collect					
*Cuttings (Mass of Roots)		6-8"		40.00	
10 at 100 rate — Express Charges Collect					
JUNIPER VIRGINIANA		Dwarf spreading, requires sun. (Page 4)			
2-yr. Seedlings	(2-0)	3-7"		8.00	40.00
2-yr. Seedlings	(2-0)	5-9"		10.00	50.00
3-yr. Seedlings	(3-0)	10-20"		15.00	75.00
Caliper 1/8 - 1/4 mostly pencil thickness					
PFITZER JUNIPER (Twice Transplants)		Dwarf spreading, requires sun. (Page 4)			
*Hetzi Glauca		8-10"		65.00	
Blue — fast growing type, heavy stem, branched, bushy 10 at 100 rate — Express Charges Collect					
*Hetzi Glauca		10-15"		75.00	
Blue — fast growing type, heavy stem, branched, bushy 10 at 100 rate — Express Charges Collect					
SABINA JUNIPER		Dense, low, spreading, many branched Juniper. Short straight tufted branchlets. Small purple berries. One of the oldest Ornamental evergreens. Grows to height 2-3 feet.			
*Twice Transplanted		3-6"		60.00	
10 at 100 rate — Express Charges Collect					
JAPANESE LARCH		Deciduous tree, beautiful, soft needles appear early in spring. Fast growing timber tree. Especially beautiful in groves, with lower branches trimmed away. Forms thick carpet of needles, making excellent mulch which holds water; a fine bed for shade-loving plants like Rhododendron or Hemlock			
2-yr. Seedlings	(2-0)	4-12"		4.00	20.00
2-yr. Seedlings	(2-0)	6-12"		5.00	25.00
3-yr. Seedlings	(3-0)	12-24"		7.00	35.00

More Items on Next Page





Yew Seedling above and full-grown Yew specimen, right. Fine for hedges, too. (Page 6)



JAPANESE YEW SEEDLINGS (Upright)		Per 100	Per 1000
4-yr. Seedlings	(4-0) 4-10"	60.00	
Capitata grown from seed — very superior, branched 10 at 100 rate — Express Charges Collect			

JAPANESE YEW TRANSPLANTS		2-yr. bedded stock, well rooted. (Page 6)	transplants, excellent
10 at 100 rate — Express Charges Collect			
Taxus Cuspidata, low flat	6-8"	40.00	225.00
Taxus Hicksi, columnar	7-10"	40.00	225.00
Taxus Hatfield, upright, conical	4-7"	40.00	225.00

JAPANESE YEW (2 and 3 Times Transplanted)		(Page 6)
10 at 100 rate — Express Charges Collect		
*Taxus Hatfield, upright conical	6-9"	60.00
*Taxus Hatfield, upright conical	6-12"	75.00
Thick stems, well branched		
*Taxus Cuspidata, low, flat	6-9"	60.00
*Taxus Cuspidata, low, flat	10-14"	75.00
Thick stems, well branched		
*Taxus Cuspidata, low, flat	9-12"	90.00
Well branched		
*Taxus Hicksi, columnar	6-12"	60.00
*Taxus Hicksi, columnar	8-14"	75.00
Thick stems, well branched		
*Taxus Hicksi, columnar	10-12"	90.00
Well branched		

WHITE BIRCH (Clump Birch)		When mature bark is white; leaves, fine green. Plant for clump formations
Seedlings	16-24"	8.00 40.00

NORWAY MAPLE		For street planting or lawn specimen. Dense, rich green leaves. (Pages 10-11)
Seedlings	6-12"	30.00 150.00
50 at 100 rate — Express Charges Collect		

PIN OAK		Fastest growing oak — for street or lawn. Pyramidal shade tree, no pruning. Disease resistant. (Pages 10-11)
Seedlings	6-12"	20.00 100.00

NORTHERN RED OAK		Hardy, rapid growing timber and shade tree. Dark red fall foliage. (Page 11)
Seedlings	6-10"	10.00 50.00

## RHODODENDRON MAXIMUM (Page 7)

Select collected plants. Hardy for full shade or partial shade. Large leaf, best foliage of any of the Rhododendrons. Bears large clusters of gorgeous flowers, shaded from white to shell pink, during late June and early July. 50 at 100 rate—Shipped Express Collect

Single stem to light branch	8-10"	30.00
Single stem to light branch	10-12"	35.00
Clumpy plants, 3-5 branches	10-15"	100.00

## RHODODENDRON CATAWBIENSE

Differs from Maximum as follows: Lower growing, smaller leaves, deep shades of pink and rose. Sun or partial shade. (Page 7)

10 at 100 rate — Express Charges Collect		
Single stem to light branch	4-8"	50.00
Single stem to light branch	8-10"	60.00
Clumpy plants, 3-5 branches	10-12"	125.00

## HYBRID GRAFTED RHODODENDRON

Sturdy twice-transplanted stock, well branched. True colors, deep red, pink, mauve and white. (Page 7)

Well branched	12-15" Each	3.00 250.00
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## RHODODENDRON CATAWBIENSE GRANDIFLORUM

12-15 in. Imported. Orchid. (Page 7)

3-yr. Ext. Hvy. branch.	Each	2.20 200.00
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## MOUNTAIN LAUREL (Kalmia)

Hardy, slow growing, small leaved evergreen. Abundance of pink flowers, late May and early June. Sun or shade

2 to 4 branches	8-10"	35.00
Clumpy plants, 3-5 branches	10-15"	100.00

## GREEN BARBERRY

Very hardy hedge material. (Page 6)

3-yr. Seedlings	(3-0) 4-8"	5.00 25.00
3-yr. Seedlings	(3-0) 8-16"	7.00 35.00
Heavy, select		
4-yr. Seedlings	(4-0) 6-12"	8.00 40.00
Select, heavy, well graded		
4-yr. Seedlings	(4-0) 12-18"	10.00 50.00
Select, heavy, well graded		

## RED BARBERRY

Red Leaves all Summer — Berries in the Fall. (Page 6)

2-yr. Seedlings	(2-0) 4-8"	8.00 40.00
2-yr. Seedlings	(2-0) 8-16"	12.00 60.00
Heavy, well graded		
3-yr. Seedlings	(3-0) 8-16"	15.00 75.00
Heavy, well graded		

## ROSA MULTIFLORA

Living fence. (Illustrated Page 7)

Heavy, superior stock	8-16"	8.00 40.00
Heavy, superior stock.		

## PACHYSANDRA (Ground Cover)

Dense, lustrous green, trailing vine type of ground cover. Almost evergreen. See Page 19

1-yr. Plants	2-4"	9.00 80.00
3-yr. Clumps	4-8"	50.00
Clumps 10-20 shoots to each plant. Extra heavy		

## BOSTON IVY

Hardy, fast growing vine cover for wells and terraces. Very fine stock. See Page 19

Individual vines, hardy	12-16"	20.00 80.00
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### Special No. 1

## 50 EVERGREEN TREES

3 & 4 yr. old—large, healthy  
10—Scotch Pine ..... 6" to 10"  
10—Red Pine ..... 6" to 10"  
10—Mugho Pine ..... 7" to 14"  
10—Norway Spruce ..... 5" to 10"  
10—Blue Spruce ..... 3" to 6"

All for only **\$5.00**

POSTPAID

### Special No. 2

## White Birch

Twenty 16 to 24 inch seedlings. Very hardy in all climates and conditions. Bark turns creamy white at about 5 ft. (3 to 4 years.) To get graceful clump effect plant several seedlings.

**20 FOR \$3.50**

POSTPAID

### Special No. 3

## Blue Spruce

Excellent 3 to 6 inch Seedling stock. Colorado Blue Spruce has long been regarded as the King of Ornamentals. Makes handsome specimens or hedge.

**25 FOR \$2.00**

POSTPAID

### Special No. 4

## RHODODENDRON

10 to 12 inch single stem to lightly branched. Fine young plants — will grow bushy.

Maximum — Excellent ornamental, large clusters of gorgeous flowers. Prefers partial shade.

**5 FOR \$3.50**

POSTPAID

### Special No. 5

## 25 each Canadian Hemlock 4" - 8" Norway Spruce 5" - 10"

An ideal combination to develop a hedge or individual specimen ornamentals. Superior stock.

**50 FOR \$5.00**

POSTPAID

# Musser Forests Present...

America's Greatest Value in True - To - Name

## Hybrid TEA ROSES

No. 1 - Best Grade Obtainable

Each plant EXPERTLY PRUNED ready for PROPER PLANTING. No large, thorny, woody tops to wrestle with after planting. These Roses have been selected as being very generous bloomers, as well as for the breath-taking perfection of each individual flower. You may cut freely for home decoration throughout the summer, which only encourages the vigorous plants to put forth more blooms. On some orders it may be necessary to substitute, but the colors will be the same as ordered.



- 3 Red—Etoile De Hollande  
(Conceded best red rose)
- 1 Pink—Pink Dawn
- 1 Yellow—Golden Rapture
- 1 White—K. A. Victoria

6 — HYBRID TEA ROSES . . .

— PLUS —

- 1 — RED CLIMBING ROSE  
(Paul's Scarlet)

--- F-R-E-E ---

SPECIAL NO. 8

## All 7 Roses

For only **\$7.50** Postpaid

No. 1, Best Quality

## Hybrid Tea Roses

2 years old, beautifully branched

Any 3 - \$3.50

POSTPAID

Any 10 - \$9.50

POSTPAID

Order by  
Number.

Also State  
COLOR

- |                             |               |  |                  |
|-----------------------------|---------------|--|------------------|
| 1. Christopher Stone .....  | Red           | 7. Editor McFarland .....                | Pink             |
| 2. Pink Dawn .....          | Pink          | 8. McGredy's Ivory .....                 | Cream White      |
| 3. Golden Rapture .....     | Deep Yellow   | 9. Mrs. P. S. DuPont .....               | Golden           |
| 4. Condesa de Sastago ..... | Orange-Yellow | 10. Pres. Hoover, Deep Pink, Gold Tinged |                  |
| 5. Etoile de Hollande ..... | Deep Red      | 11. Picture .....                        | Bright Pure Pink |
| 6. The Doctor .....         | Rose          | 12. K. A. Victoria .....                 | Pure White       |



## New PATENTED ROSES

One Each of All 5 for - \$6.95

	Each	Per 3	Per 10
<b>PEACE</b> .....	\$ 2.00	\$ 5.00	\$ 16.65
Pat. 591. Light yellow flushed with carmine			
<b>TAFFETA</b> .....	\$ 1.50	\$ 3.75	\$ 12.50
Pat. 716. Orange multicolor.			
<b>FORTY-NINER</b> .....	\$ 2.00	\$ 5.00	\$ 16.65
Pat. 792. Most spectacular bi-color. Inside petals are flaming red, while outside, they shade to bright straw yellow. Rich, unfading			
<b>MIRANDY</b> .....	\$ 1.50	\$ 3.75	\$ 12.50
Pat. 632. Dark red			
<b>CHARLOTTE ARMSTRONG</b> .....	\$ 1.50	\$ 3.75	\$ 12.50
Pat. 455. Flaming pink			

Shipped Parcel Post Charges Collect

## Climbing Roses

These Selected, Field-Grown  
2-yr. Bushes Bloom This Year

### AMERICAN BEAUTY

Large, fragrant blooms of fine form, borne in gigantic. Blooms early in the season. Crimson.

### AMERICAN PILLAR

Clusters of large, sparkling pink flowers with white centers. Waxy foliage.

### DR. VAN FLEET

Very large flowers of a beautiful, soft pink.

### GARDENIA

Pale creamy yellow blooms, deeper yellow in center. Fine foliage.

### PAUL'S SCARLET

Intensely red flowers, borne in loose clusters. Often blooms in fall. Highly recommended.

### SILVER MOON

Long, creamy buds of Nankeen yellow. Turns to gigantic, saucer-shaped moon-white flowers.

### WHITE DOROTHY PERKINS

Small, very double flowers of pure, creamy white, borne in great clusters.

Each

**\$1.00**

3 for ..... \$2.85

6 for ..... \$5.40

Parcel Post  
Chgs. Collect

*Musser Quality*

# BLUEBERRIES

## Bearing Age Shrubs Will Produce This Year

Musser Quality Blueberries are the most popular for Home Garden growing. The singularly attractive bushes (see photo at left) add beauty to any landscape, winter or summer. An excellent plant for garden boundaries, or planted in clumps. Our selection of 3 choice varieties insures proper cross-pollination, resulting in large crops.

The large, delicious berries are a treat for all the family—and six bushes will supply many more than your own requirements. And, with Blueberries of this high quality retailing at from 35 to 75 cents a pint, the heavily bearing bushes can be a source of considerable profit.

Any type of acid soil, which is reasonably moist, but is well-drained, will favor the finest development of these shrubs. If your soil is sweet, it can be readily conditioned by thoroughly mixing peat moss, partially rotted leaves, pine needles, or rotted sawdust with the soil before planting. Complete planting instructions are sent with each shipment.

**We are offering two (2) each of the strongest bearing varieties; you are assured of a continuous crop throughout the summer. Bearing-age plants will produce fruit this year.**



This Fine Musser Blueberry Shrub, two years out of the Nursery, is heavy with a profitable yield. Note decorative natural shape of this average specimen.

*Grow Blueberries for Pleasure and Profit!*

## Here are Your BEST BUYS!

### SPECIAL No. 11

6 — 2-year Blueberry Shrubs 6 to 12 inches .....	\$ 5.95
200 Strawberry Plants 50 each of four varieties .....	6.95
50 Asparagus Roots .....	3.75
<b>Total Value .....</b>	<b>\$16.65</b>

**Postpaid for —\$14.95**

### SPECIAL No. 12

6 — 3-year BEARING AGE Blueberry Shrubs, 18 to 24 inches .....	\$ 8.95
200 Strawberry Plants 50 each of four varieties .....	6.95
50 Asparagus Roots .....	3.75
<b>Total Value .....</b>	<b>\$19.65</b>

**Postpaid for —\$16.95**

### SPECIAL No. 9

Healthy, vigorous Musser Quality Blueberries,  
6 to 12 inches

**6** 2-Year Plants **Sent POSTPAID \$5.95**

### BEARING AGE SPECIAL No. 10

Blueberries, same as above, but large — 18 to 24 inches — 3-year stock, which is bearing age. These plants will begin producing fruit this year.

**6** Bearing Age Blueberries **Sent POSTPAID \$8.95**

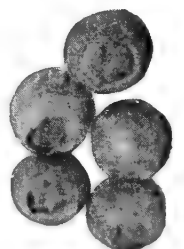
## Compare BLUEBERRIES

### Only Quality Plants are the Big Producers

Cultivated Blueberries (shown left) and Wild Blueberries (right) are here compared in their ACTUAL SIZE. The careful culture of Musser Quality Blueberries has brought about this startling improvement. No one can resist the delicious flavor of Cultivated Blueberries. **GET STARTED IN 1950.**



Actual Size of  
Giant Musser Cultivated Blueberries



Actual Size of  
Wild Blueberries



# Strawberries

Strawberries can be grown in practically every section of the country. They have a place in every garden. Our assortment of (four) 4 varieties has been selected from the strongest, disease-resistant strains, and will produce an abundance of large, succulent berries during the whole summer under average conditions. You will have a full crop next spring and summer from these plants.

This is an ideally balanced collection, and enough to plant 12, 25-foot rows. Complete planting instructions sent.

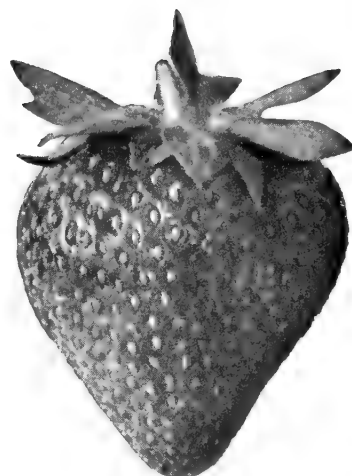
See also Specials 11 and 12 on preceding page.

100 ..... Early (2 varieties)  
50 ..... Mid-Season  
50 ..... Everbearing

50 ..... Early (2 varieties)  
25 ..... Mid-Season  
25 ..... Everbearing

**200 STRAWBERRY PLANTS \$6.95**  
Post-paid

**100 STRAWBERRY PLANTS \$3.95**  
Post-paid



# Raspberries

Hardy Northern Stock  
Best Varieties

Your own plantings of Raspberries will bring that dainty, fresh off the vine quality right to your table. A big money crop for local marketing. All Raspberry Prices are POSTPAID.

	12	25	50	100
<b>LATHAM, 1 Yr., No. 1</b> ..... Most Popular and Widely Planted Red Raspberry	3.00	4.70	8.15	14.20
<b>NEWBURGH, 1 Yr., No. 1</b> ..... Finest Red Variety for Planting with Black Varieties	3.00	4.70	8.15	14.20
<b>INDIAN SUMMER, 1 Yr., No. 1</b> ..... Acknowledged the Best Red Everbearer	3.00	4.70	8.15	14.20
<b>SODUS, 1 Yr., No. 1</b> ..... The Best Purple Raspberry	2.75	4.25	7.35	12.95
<b>CUMBERLAND, 1 Yr., No. 1</b> ..... Old Favorite Black	2.45	3.80	6.65	11.40
<b>MORRISON, 1 Yr., No. 1</b> ..... Best New Black	2.45	3.80	6.65	11.40



"Um-m Good!"



# Blackberries

PLANT ALONG THE FENCE LINE  
OR IN THAT EXTRA CORNER

Blackberries ripen in July to fill an important part in keeping a continuous supply of garden fresh fruit on the table.

NO. 1 PLANTS — POSTPAID		
12 Plants	25 Plants	100 Plants
2.40	3.80	11.40



## Asparagus

You May Reap Profits for 20 Years!

We are particularly proud of the fine 2-yr. selected Musser Delicious Asparagus Roots offered here. Based on the rust-proof Mary Washington strain, our plants will produce stalks big enough for cutting the first year after planting. Distinguished by extra heavy crowns, long, fat roots, and a clear green color; rust-resistant and very strong grower.

**50 Strong 2-Yr. Roots, \$3.75**

Not less than 50 sold. Shipped postpaid.

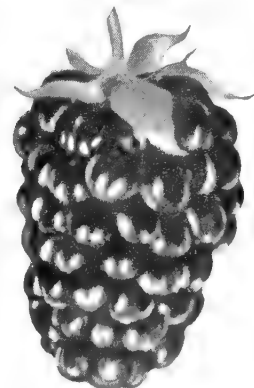
See also Specials 11-12 on preceding page.

## Boysenberries

HIGH QUALITY  
THORNLESS

An unusually large yielder, berries hold up well for local market. Practically seedless, juicy, delicious — be sure to include some Boysenberries in your fruit garden.

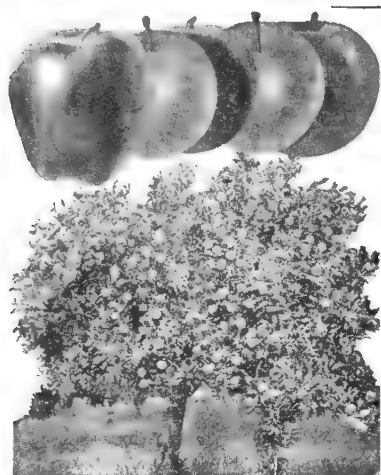
BEARING AGE PLANT PRICES		
12 Plants	25 Plants	100 Plants
5.45	9.20	28.75
These Prices are POSTPAID		



# Fruit Trees

## Beauty in Spring - Harvest in Fall

No. C.O.D.'s. All stock on this page must be paid in full with order. Shipped Express Charges Collect.



### 5-in-1 Apple Tree

(5 varieties grafted on one tree)

For Limited Space — Yellow Delicious, Red Rome Beauty, Red Delicious, Stayman's Winesap, Lodi. Plant several of these novel trees for beauty, shade, and for fruit maturing over a long period.

4-6 FT., WELL BRANCHED

	Each	Per 3	Per 10
ONLY	\$3.50	\$9.50	\$28.00



### Standard Cherry Tree

4-5 FEET

Large Montmorency — The nation's most popular Sour Cherry, always in demand by the home canner as well as canning factories. The trees are good bearers and the fruit ships well. Bright clear red, good sized, and has fine flavor. Eat right off the tree; makes excellent pies and other desserts. Hard to beat from any angle. Ripens around July 15.

	1-9 Each	10-49 Each	50-100 Each
2-yr. 4-5 ft.	\$2.25	\$1.85	\$1.30

### Dwarf Fruit Trees (3 to 4 Feet)

Where space is limited plant these dwarf trees. They do not spread more than 10-15 ft. Most varieties start producing fruit first year after planting. Produce fruit as large or larger than standard trees. Plant two (2) or more varieties for pollination.

	Each	Per 3	Per 10
<b>DWARF APPLE TREES.</b> 3-4 ft. Select, branched. Cortland, Red McIntosh, Red Delicious, Early McIntosh, Northern Spy	\$3.75	\$10.50	\$30.00
<b>DWARF PEAR TREES.</b> 3-4 ft. Bartlett, Clapp's Favorite, Duchess	\$3.75	\$10.50	\$30.00

### Standard Apple Trees (5 to 6 Feet)

	Each	Per 3	Per 10
Your choice of those listed below. Plant two varieties for successful pollination. 5-6 ft.	\$1.75	\$ 5.25	\$14.50
<b>EARLY MCINTOSH</b> (Ripens August). Bright red early apple. The flesh is white, tender and juicy with fine flavor. Ideal dessert apple.			
<b>STAYMAN'S WINESAP.</b> Comes into bearing young. A reliable cropper. Medium to large size fruit. Slightly striped, coloring to dull red. Tree moderately vigorous.			
<b>YELLOW DELICIOUS</b> (Ripens Oct.-Mar.). Bright, golden yellow apple of excellent quality. Firm, crisp and very juicy. Finest yellow apple. Bears young and heavily.			
<b>RED MCINTOSH</b> (Ripens October). Very attractive red apple of highest quality. Tender, juicy, and refreshing. Hardy. Bears young and annually.			
<b>CORTLAND</b> (Ripens Nov.-Feb.). Large red fruit similar to McIntosh. Very hardy and desirable as a cross pollinator.			
<b>RED DELICIOUS</b> (Ripens Dec.-Feb.). Large dark red apple with crisp fine-grained flesh. Excellent flavor.			

### Standard Peach Trees (5 to 6 Feet)

	1-9 Each	10-49 Each	50-100 Each
All varieties. 5-6 ft.	\$1.75	\$ 1.45	\$ 1.10
<b>GOLDEN JUBILEE</b> — We recommend this New Jersey Experiment Station introduction. Comparatively new, but widely planted. Is a real money maker. Quite hardy, resists excessive cold. Sure cropper, after severe winters and heavy frosts. Golden Jubilee is without equal as an early, large, yellow freestone of highest quality. Flesh is yellow, tender, juicy, and sweet. Ideal for home use and roadside market sale. (Ripens August 20-25.)			
<b>HALE HAVEN</b> — MARVELOUS NEW Peach, a result of crossing the famous J. H. Hale with South Haven. A large, beautiful colored, yellow fleshed Peach. Ripens approximately 10 days to two weeks ahead of Elberta. Perfect freestone, strong grower. Good shipper, and a prolific, heavy bearer. The tree is early and fruit is of the highest quality. Has extremely high color which is present several days before the fruit ripens, thus allowing early picking for distant shipments. Should be included in every planting. (Ripens September 1-5)			
<b>EARLY ELBERTA</b> — An excellent, new variety, resembling Elberta very closely, except a little rounder in shape and about 10 days earlier in ripening. Freestone. (Ripens September 6-10.)			
<b>RED HAVEN</b> — NEW, desirable, early Peach that has been thoroughly tested and found highly satisfactory. Introduced by the South Haven Experimental Station, it has fine flavor of the South Haven and Hale-Haven. When other peaches are still green, this Peach is a bright red and ready for real profit. Hardy, freestone. Self-pollinating and a prolific yielder. (Ripens August 20-25.)			

### Standard Pear Trees (4 to 5 Feet)

Three varieties needed for pollination. Best three varieties — 1 Each — Bartlett, Clapp's Favorite and Seckel.

3 Select, 2-year, 4 to 5 foot Trees, as listed above **Only** (IF 50 OR MORE ARE ORDERED, \$1.00 EACH)

**BARTLETT** — There's hardly a person that doesn't know the Bartlett Pear and its qualities, as it is grown in and is adaptable to all different climates, soils and situations. Fruit is large, golden yellow in color, with a reddish blush on the sunny side. Flesh is tender and juicy, with a delicious, musky aroma. Trees are vigorous, attain large size, bear young, live long, and barring frosts and freezes, they bear full crops year after year. Justly the leading commercial Pear — a leader among canning Pears. (Ripens September - October.)

**CLAPP'S FAVORITE** — Precedes Bartlett, which it resembles in size, shape, color and flavor. In sections where Pears are grown for the market, it is the first Pear to be put on the market. Large pale lemon yellow fruit with brown dots. Fine texture, juicy, buttery, with a rich, sweet delicate vinous flavor. Tree hardy and productive. Thrives where other varieties fail. (Ripens Aug. 15-20.)

**SECKEL** — The Pear to plant for eating fresh and pickling. Medium size, skin rich yellowish brown with deep, brownish red cheek when fully ripe. Flesh very fine grained, juicy, sweet, and good. Trees resistant to blight, very productive and hardy. Should be planted in fertile soils, not heavy clay. (Ripens Sept. - Oct.)

Fruit Trees shipped Express Charges Collect. Complete planting instructions with order acknowledgment.



The Delicious Bartlett Pear

All items on this page, payment in full with order. Shipping charges collect.

# GROUND COVER

## HALL'S HONEYSUCKLE, CREEPING (*Lonicera Japonica Halliana*)

White and gold trumpet-shaped flowers are very fragrant and remain during the entire summer. Attracts bees and humming birds. The foliage remains green in winter with some protection. Excellent cover for steep banks. Will climb on trellis or tree. Fruit is yellow; very showy in winter against green leaves. Grows 10-15 ft. Plant 3 ft. apart. 50 at 100 rate.

Per 100	Per 1000
30.00	130.00

2-Yr. Transplants, No. 1 Grade

## VIRGINIA CREEPER (*Ampelopsis Quinquefolia*)

A splendid ground cover, especially on sandy soils where no other vegetation will grow. Unsurpassed in beauty by any other vine in autumn when the leaves turn to the most vivid tones of crimson, scarlet and orange. Plant 3 feet apart. Lots of 50 at 100 rate.

2-Yr. No. 1 Plants

30.00	
-------	--

## MYRTLE (*Vinca Minor*, Periwinkle)

One of the best ground covers, small shiny evergreen leaves, and violet-blue flowers in spring. Thrives in shade. Especially valuable for planting under trees or in other shaded spots where grass will not grow. Plant 1 foot apart. Lots of 50 at 100 rate.

Medium, Lining Out

8.00	35.00
------	-------

2 1/4 in. Pot Plants

50.00	
-------	--

## PACHYSANDRA TERMINALIS (Spurge)

A dense, lustrous green, trailing vine type of ground cover. It thrives under evergreens or anywhere; almost evergreen in itself. If planted 8 to 12 inches apart it will give a pleasing effect immediately and in two years' time will form a solid ground cover. Prefers shade; any soil; water liberally. VERY HARDY. Grows 6 to 8 inches tall. Fine for terraces or any place where grass is not successful. Lots of 50 at 100 rate.

1-Yr. Plants

9.00	80.00
------	-------

3-Yr. Clumps

50.00	
-------	--

(Clumps 10-20 shoots to each plant. EXTRA HEAVY)

# CLIMBING VINES

## BITTERSWEET (*Celastrus Scandens*)

Deciduous climber or ground cover. Prized for showy clusters of orange-red berries in fall. Hardy. Sun or shade, in any soil. Attracts birds. Lots of 50 at 100 rate.

Per 100	Per 1000
18.00	100.00

12-18 in., Transplanted, branched

## TRUMPET VINE (*Bignonia Radicans*)

Ornamental, deciduous vine, ideal as climber or ground cover. Bright trumpet shaped orange-red flowers in late summer. Prefers sunny location with rich, well drained soil. Lots of 50 at 100 rate.

1-Yr. Plants, 12-18 inches

15.00	70.00
-------	-------

## BOSTON IVY (*Ampelopsis Veitchii*)

Popular close clinging vine. Glossy three-lobed leaves make dense covering especially beautiful on brick or stone walls. Thrives in any good soil. Crimson and gold in fall. Lots of 50 at 100 rate.

Individual Vines, Hardy

20.00	80.00
-------	-------



## Hansen Improved Bush Cherry

An ornamental shrub, bearing delicious fruit. Easy to grow, highly productive, hardy. Fruit is large, black and sweet — eat right from the bush. Leaves silvery green, red in autumn. White blossoms add to landscape effect. Grows 4 to 5 feet tall. Can be kept trimmed. Plant 3 bushes for best fruit.

**3 FOR \$2.50**



PACHYSANDRA under winter snow



BOSTON IVY makes a dense, beautiful cover on brick or stone

## French Lilac

Strong 2-Yr. Nursery Grown  
1 1/2 to 2 feet

Leon Gambetta. Double, pinkish lilac. Flowers, trusses very large. Charles X. Flowers single, reddish purple, medium size.

President Grey. Semi-double to double flowers. Clear, soft blue. Old favorite.

Ludwig Spaeth. Large, well filled clusters of single flowers; deep maroon-red.

Edith Cavell. Very fine, highest rated, double white lilac.

**\$2.00 each**  
**3 for \$5.00**

## French Pussy Willow

No bouquet would be complete in early spring without a few sprays of Pussy Willows. Grows 10 to 12 feet high. Catkins are at least twice as large as those of the common Willow. Thrives everywhere, including wet spots.

**3 FOR \$2.50**





WITHOUT . . . and . . . WITH  
It **DOES** make a **DIFFERENCE!**

A Quick Start, Maximum Growth  
with . . .

# RA-PID-GRO

## Miracle Plant Food

Analysis: 23% Nitrogen, 21% Phosphate, 17% Potash

USE FOR —

- EVERGREENS
- SHRUBS
- SHADE TREES
- ROSES

Also for Lawns, Perennials,  
Vegetables, House Plants

POSTPAID to your DOOR

### WHAT IS RA-PID-GRO?

Ra-Pid-Gro is a complete, concentrated plant food. It speeds up growth of plants now in place, and assures more successful transplanting of new plants.

### HOW IS IT USED?

Just add water at the rate of 1 lb. of Ra-Pid-Gro to 22 gallons of water. It is ready to use as soon as it dissolves. For a small number of plants, mix at the rate of 1 teaspoonful to a quart of water.

### WHAT WILL IT DO?

Ra-Pid-Gro works almost unbelievable miracles in promoting rapid and healthy growth on all types of plants. All the vital plant food elements are present in this re-

markable discovery. Since it is applied in liquid form, they are readily available to the roots of the plant.

### HOW DOES COST COMPARE?

Ra-Pid-Gro is much less expensive. In the larger quantities it makes your fertilizer cost about  $\frac{1}{2}$  cent per lb. as against a cost of about 3 cents per lb. for average fertilizers. Remember, 1 pound of Ra-Pid-Gro makes 176 pounds of rich and complete plant food.

1 pound Ra-Pid-Gro (makes 22 gals.)	\$ 1.25 postpaid
2 pounds Ra-Pid-Gro (makes 44 gals.)	\$ 2.35 postpaid
5 pounds Ra-Pid-Gro (makes 110 gals.)	\$ 4.50 postpaid
10 pounds Ra-Pid-Gro (makes 220 gals.)	\$ 8.75 postpaid
25 pounds Ra-Pid-Gro (makes 550 gals.)	\$21.00 postpaid

## It's Easy to PLANT TREES RIGHT

### When to Plant

Spring planting season is from March 15 to June 1. Fall planting is quite satisfactory when larger transplant stock is used, and when the site is fairly dry. Never attempt to plant in the fall on moist sites as the trees will be heaved out of the ground by the action of the frost on the soil. Fall planting season is September 1 to November 1, or before the ground freezes.

### Preparations for Planting

It is not necessary to prepare the soil in any way before planting. Plowing before planting often allows too much settling after planting, leaving the trees lying upon the surface. Sod and weeds in the planting site conserve moisture, and shade the young trees during the hot months of the first few seasons after planting. Do not use dry fertilizer before, during, or immediately after planting as the fresh fertilizer invariably burns the tender roots. A liquid fertilizer, "Ra-Pid-Gro," is a safe and efficient plant food which may be used to dip tree roots before planting or better, may be poured into the hole with the tree ("puddled").

When your trees arrive **UNPACK AT ONCE**. This is very important. While trees are out of the ground they must be handled very carefully. Do not expose the roots to sunlight or drying winds, or the trees will be seriously in-



"HEELING IN"

jured or killed. Dig a trench (see drawing) deep enough to accommodate the roots and long enough to hold the trees. This trench should be near the planting site in a shaded location such as the north side of a building or woods, and accessible to water if possible. Your trees will come packed in crates or cartons with the roots wrapped in moist moss

and the tops dry. Remove all of this packing material and place the bundles of trees in the trench, packing **LOOSE** soil tightly around the roots so that air is excluded. If the soil is dry, water them after "HEELING-IN." "Ra-Pid-Gro" (see full description above), is a plant food quickly absorbed, helpful to trees while healed in. When planting carry a few bundles of trees in an ordinary water bucket with the roots immersed in thick, soupy mud. Here again, a solution of "Ra-Pid-Gro" to make the mud will feed the trees and help overcome the shock of replanting. This mud mixture will adhere to the roots, and while planting will dry slightly on the surface conserving necessary moisture in contact with the root itself.

### How to Plant

A **MATTOCK** is the best tool for tree planting in soil containing rock or shale or that is exceptionally hard to work. Open a hole deep enough to accommodate the roots, and large enough to allow for spreading out the roots. Next take a tree from the bucket and place it in the hole so that when the hole is closed the tree will stand as deep

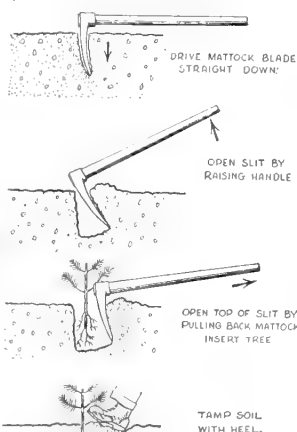


FIG. A

Specially Designed  
Extra Heavy Tool for  
Tree Planting



FIG. B

Shipped Postpaid  
within 600 miles  
Each ..... \$7.75



FIG. C

or preferably  $\frac{1}{2}$  to  $\frac{3}{4}$  inches deeper than it was in the nursery. Spread out the roots as much as possible, never curl them up in a ball. Then close the hole completely, forcing soil tight against roots with heel, which will leave a slight depression to catch rain water. Careful spreading of roots, and tight packing of good soil around the roots will insure success with planting. (See Figure A.)

Faster planting than with mattock can be accomplished with a **SPADE** illustrated on this page (Figures B and C) **PROVIDED** soil is relatively free of stones.

**TREE PLANTING MACHINES** are available and are satisfactory where planting is quite extensive and soil is easily worked.

### Crew Organization

Planting small tracts three men work together. One man goes ahead and digs the holes, the other two follow with buckets of trees and plant them in the holes. In planting more extensive tracts ten men will work to the best advantage. Three men go ahead in a parallel line digging the holes. Two planters follow each digger setting the trees. The tenth man follows the crew with two buckets of trees and replenishes the planters' buckets as necessary; also to observe that no more than one tree is planted in each hole, to watch spacing, to see that trees are planted properly, and to keep the crew going as rapidly as possible.

ONE MAN CAN PLANT AN  
AVERAGE OF 1,000 TREES PER DAY

### Spacing

Where thinning is to be done at a comparatively young age (4 to 5 years) as with a Christmas Tree and/or ornamental plantation, spacing is 3' by 3' for Spruce or 5' by 5' for Pines. With a forest plantation when no thinning is intended for 20 to 25 years, 6' by 6' or 8' by 8' is recommended.

Number of trees required per acre for different spacings:

3 x 3 — 4,840	5 x 5 — 1,742
4 x 4 — 2,722	6 x 6 — 1,210

**MUSSER FORESTS, Inc.**  
Indiana, Penna.





Austrian Pine, grown on Musser Plantation, shown with Christmas Decoration

# Christmas Tree Growers' Guide

## Cash Crop *from* Idle Land

- Over 40,000,000 Christmas Trees used each year.
- Natural sources rapidly decreasing; quality more inferior.
- Planted Quality Trees ALWAYS command premium prices.
- Average wholesale price in recent years, \$1.00 per tree.



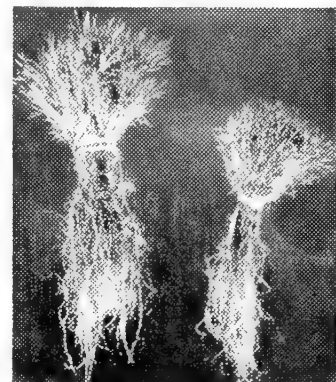
### Planted Trees Are Preferred

We offer in these pages some of the information we have gathered from our own experience. Although we have a large acreage growing Christmas Trees, and have shipped large quantities to most of the important markets in eastern United States, we know that all we can possibly produce will not fill even a small part of the demand for quality trees. For this reason, we do not hesitate to furnish to anyone any information that we have gathered over the past 26 years. The custom of using Christmas Trees started a great many years ago and we know it will continue in both good and bad times. The business of growing Christmas Trees is still in its infancy.

Some people have the mistaken idea that there will soon be an over-production of Christmas Trees. During the past number of years, we have inspected practically every source of supply of Christmas Trees in the United States and Canada. We have made a thorough study of the markets and the demand for quality trees. From these studies, we are convinced that there will be a very good market for high grade planted Christmas Trees for a great many years to come.

Pine was the original Christmas tree. Spruce and Fir then came

into favor, but **Planted Pines** are now rapidly replacing Spruce and Fir. All Pines are much faster growing than Spruce. All Pines retain their long needles and fresh appearance for months after being cut, whereas the short needled trees which are commonly shipped in, begin to shed within a day or two after being decorated.



Musser Special	Average
Scotch Pine, 2-yr. Seedlings, 4"-7" Best Grade	2-yr. Scotch Pine Seedlings

**PLANT MUSSER STOCK**  
for strongest growth

### Many Species Can Be Planted

The most desirable species to plant for Christmas Trees depends upon several factors. First, and probably most important to be considered, is the quality of the soil; second, is the local demand for a certain species of tree; and third, is the question of economy of production.

★ PINES are generally considered to include all the long needled

#### SCOTCH PINE



Rapid growing; light gray-green foliage. Will grow in poor soil and under adverse conditions. This species, used extensively for Xmas trees, is also used for windbreaks, etc.

#### FAVORITE SPECIES

for  
CHRISTMAS  
TREES —

Austrian Pine  
Scotch Pine  
White Pine  
Red Pine  
Norway Spruce  
White Spruce  
Balsam Fir  
Douglas Fir

"See  
Pages  
12, 13  
and 14  
for  
Stock  
List"



#### AUSTRIAN PINE



Stands out on account of its heavy, bushy form. An excellent tree for windbreaks, screens, and for single specimens. One of the most beautiful and sturdy Christmas trees.

#### WHITE PINE



One of the most popular Christmas trees, having all the fine characteristics for this use. Has ornamental value, with soft light-green to bluish-green foliage. Finest Timber.

## NORWAY SPRUCE



Norway Spruce has short, shiny, dark green needles, thick foliage, and strong branches. It is one of the most widely used as an Ornamental.

*Planting Stock With*  
**Well-Developed Root Systems**  
*Produce*  
**Strong, Sturdy Trees**



## TYPICAL CHRISTMAS TREE FARM

A fine plantation of Musser American Red Pine, 6 years old, ready for first harvest. Half the trees will be left for timber.

## AMERICAN RED PINE



Fred Musser, developer of the proven Musser Culture for Tree Seedlings and Transplants, examines a fine specimen of American Red Pine on one of the Musser Christmas Tree Experimental Farms.

varieties of Christmas Trees. They can be most economically produced of all planted trees. (1) Their hardiness enables them to thrive on hilly, stony or poor land which is unsuited for other agricultural purposes. (2) They flourish in practically all climates. (3) Most varieties will tolerate low moisture content. (4) Their growth is more rapid than that of any other tree used for this purpose, allowing them to be marketed within 5 to 8 years after planting. (5) They require no cultivation.

Although comparatively new on the market, Pines are becoming more popular each year. Their advantages over wild trees are so outstanding that customers demand them in any markets where they are available.

- (1) All pines hold their needles for several months after being cut.
- (2) If seedlings grown from the best strains of seed are used, beautiful, compact, premium trees are produced.
- (3) Pine trees always present a fresh appearance and pleasant fragrance.
- (4) Due to the heavier branches, this type of tree is especially easy to decorate.

Trees of this type will always command the highest prices.

**Banks, Red, Scotch, Austrian and White Pine** are the species most often planted for Christmas Trees. While they require no cultivation, it has been found that when planted in particularly good soil, they will grow too fast to develop into bushy, symmetrical trees. Under these conditions pruning or shearing is desirable in order to produce quality trees. This is a simple procedure which is explained later.

★ **SPRUCES** are characterized by short, shiny needles, and, when properly spaced, develop thick foliage and heavy branches. Various types of Spruce have been offered on the Christmas Tree markets for years. These have been wild trees taken from the northern woods, and, in general, are very much inferior to planted trees. Because they grow too close together and do not receive sufficient sunlight, they are often spindly, open and one-sided. However, bushy symmetrical, quality Spruce will always be very much in demand as living and cut Christmas Trees as well as for ornamental use. They will also command premium prices.

**Norway and White Spruce** are the varieties usually preferred for Christmas Tree planting, although **Blue Spruce**, while slower growing, is unsurpassed for beauty.

Spruce will grow in all temperature climates. It requires rich moist soil and normal drainage. It can be grown successfully in par-

tial shade or full sunlight. The species are slower growing than the Pines, requiring 7 to 10 years to reach marketable size.

Due to the fact that the needles begin to shed within a few weeks after cutting, **Spruce** cannot be harvested for Christmas Trees too early. It is easily bundled, and does not require pruning, except following seasons of unusual growth. All varieties may be used for Christmas Trees.

★ **FIRS** are short needled and somewhat similar to the Spruces in appearance, although they may be distinguished by their flat needles and upright cones. They prefer moist soil which is kept cool by shading from the sun. **Douglas** and **Balsam** have been used as Christmas Trees for years. **Balsam** is particularly favored for its delightful fragrance. The facts related above as to the handling of Spruce apply to **Firs**, except that **Firs** should be planted in the extreme northern states **only**.



## Plant a Variety of Species

A mixture of species in the same plantation is the most desirable method of planting. With a variety of species to offer, you will undoubtedly make additional sales. Also different species have different rates of growth, making it possible to harvest more crops from the same plantation.

We would suggest a planting of 70% Pines, and 30% Spruces. You may have several varieties of both species, depending on your particular soil and climate conditions. You will find it will pay you well when marketing time comes.

Your Farm Agent, State Forester, or Soil Conservation representative will be glad to assist you in selecting planting sites best suited to various types of trees.

## Land Needs No Preparation

We recommend no preparation of soil before planting. The added expense is usually not justified, and often a light growth of grass and weeds is actually beneficial to the growth of young trees since they offer shade and moisture retention during the early stages of the plantation. If you intend to cultivate your trees after planting it will be necessary to plow the site first.

**Please Type or Write Plainly!**

City and State.....City and State.....





## Proper Spacing Speeds Profits

When growing trees are spaced too closely together, they crowd, and the resulting competition speeds up the height growth but tends to make the trees thin and thus poor Christmas Trees. The best shaped trees will be grown by spacing far enough apart that they do not interfere with each other. However, it is economical to speed up the growth somewhat, and it is advisable to utilize all the land. Through years of experimenting we have arrived at an average spacing of 4 to 5 feet for Spruce and 5 to 7 feet for Pines as being best for all Christmas Tree plantings. Planting is done as with any forest trees. Directions appear on page 20 of this Planting List.



Baling Musser Christmas Trees for Car Lot Shipments

## Pruning or Shearing Pays Well

Pruning or shearing is recommended for all varieties of Pine Christmas Trees. It develops a solid, extra heavy branched and bushy tree. This procedure will produce a premium tree that will command the very highest prices. Pruning is done at about the fourth year, and before the new, tender growth starts to get tough and woody. It is usually done between June 1st and July 31st. Pruning is an easy thing to do. One man using long shears can prune at least 50 trees per hour. Trim off about  $\frac{1}{2}$  the new growth made during one season. Later in the season many new buds will form which will produce many more branches the following year. Shape the tree to

a symmetrical form as indicated in diagram on this page.

Except for pruning, no care or cultivation is necessary.

## Harvest for 3 or 4 Years

The trees of a Christmas Tree plantation do not all arrive at marketable size the same year. As soon as some are of suitable size they should be cut and marketed. The following year more will be ready. Where much land is available it is a good plan to combine reforestation with the Christmas Tree cutting. Under this system you will plant a new tract each year, and as they become of age to harvest, cut only 50% of the trees leaving the remainder to grow into timber. This 50% may be cut over a period of three or four years, but in that time you will have several tracts to cut over.

## Selling Your Tree Crop

Your particular marketing conditions will determine the manner in which you will handle your cutting operations. Some growers merely market their trees on the ground. The customer selects his tree, you cut it and he takes it home. Or you may sell trees on the stump to a dealer who comes in and cuts his trees. If you retail your trees on a lot or sell in small amounts to other dealers, cut trees may be transported loose on a truck or wagon. However, if you intend to ship trees or truck them long distances, they should be baled. This amounts to tying several trees together, and binding the branches down flat on the main stem. This allows many more trees to be loaded in the same space, and tends to protect them from damage and breakage while handling them. Many ingenious devices have been constructed for aiding in tree bailing, but as yet none have been placed on the market. (See illustration at left.)

Marketing a Christmas Tree crop must be done within about four weeks of the year. Conditions vary somewhat throughout the country, but usually you can expect a strong market for your product. You will no doubt have competition from "shipped in" wild trees, but experience has shown that **planted trees sell when others do not.** They also command a much better price throughout. The reason for this is obvious when you compare the quality of the two types of tree.

MUSSER FORESTS, INC.

Indiana, Pennsylvania



### BLACK HILLS SPRUCE



Highly ornamental Spruce, with rich, dark green foliage. Grows with a dense, even, pyramidal form. Requires good rich soil for proper development

## Prune for Premium Trees

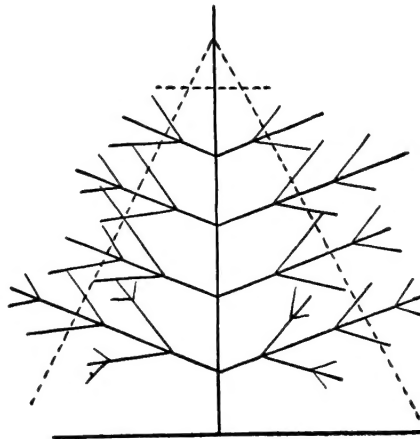


Diagram showing proper method of pruning or shearing for more beautiful Christmas tree. Prune to a cone shape, roughly as indicated by dotted lines. Top should be trimmed shorter than would make a perfect cone, as this main shoot has a tendency to grow much faster than the side branches.

### DOUGLAS FIR

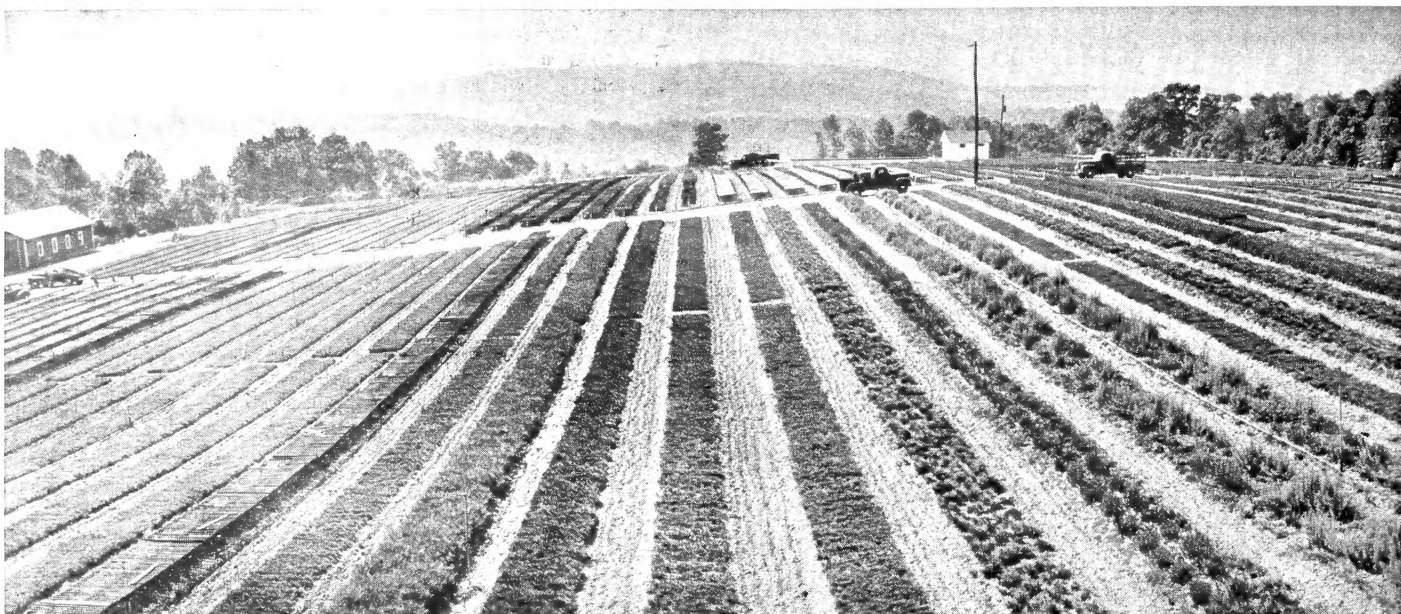


A fairly long needle fir, grayish green in color. Highly ornamental. It will do well in open sunlight or partial shade. A popular Christmas tree.



Experience  
PROVES it!

# *It Pays to Plant* **MUSSER TREES - THE BEST**



Musser  
Nursery  
Number

# 2

Of the THREE Musser Nurseries, this photo shows about 1/5 of No. 2, used for growing seedlings exclusively. Continuous growth during dry spells is assured with a sprinkler irrigation system. **SELECTED SEED, SCIENTIFIC CULTURE, CARE IN HANDLING** assure you that **MUSSER TREES GROW!**

## *Plant Trees Today for Tomorrow's Security*

### **Idle Land is Wasted Opportunity!**

If planted under the proper conditions, 85% to 95% of Musser Trees will grow to maturity and return an excellent profit on your investment.

(1) The Christmas Tree crop from a given planting will begin to return cash to you within five to seven years. The continuance of the Christmas Tree market is probably as secure as the institution of Christmas itself.

(2) Seedlings can be grown with little culture into beautiful ornamental specimens, bringing excellent prices in the landscape market.

(3) The increasing lumber shortage indicates the final cash return from your plantation. After thinning for the

Christmas Tree market or for ornamental stock, (which in itself will repay your investment several times over), the remaining trees are left to develop to full maturity. They will increase in value by at least \$10 per acre per year. Thus a 15-year-old tract should be worth \$150 per acre, and a fully grown 30-year-old planting, \$300 per acre.

These figures are accurate for Musser Cultured Stock. Twenty-five years of test plantings have verified the facts.

*Yes, it Pays to . . .*

### **PLANT THE BEST!**

"And that  
means  
**MUSSER**  
Trees!"



## **Musser Forests, Inc.**

**INDIANA, PENNSYLVANIA**

OFFICE: 515 Philadelphia Street — Phone 422

# **20** MILLION **Trees a Year!**

